

# Impianto fotovoltaico con agricoltura integrata “La Cipollona”

Comune di Pozzolo Formigaro (AL)

Proponente



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## RELAZIONE DI CALCOLO OPERE ELETTRICHE

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## 1 Premessa

La società Renantis Italia Srl, d'ora in avanti il proponente, intende realizzare un impianto di produzione di energia elettrica da fonte rinnovabile fotovoltaica in area agricola all'interno del comune di Pozzolo Formigaro (AL), che si configura come area idonea ai sensi del D. Lgs. dell'8 novembre 2021, n. 199, art. 20, comma 8, lettera c-ter punto 1 e 3, in quanto ricade in parte entro i 500 metri da zona di cava e in parte entro i 300 metri dalla sede autostradale, come evidenziato alle tavole “21042.PZZ.SA.T.06.00 - Inquadramento su aree idonee let.c-ter”.

L'impianto fotovoltaico con agricoltura integrata denominato “La Cipollona” avrà una potenza elettrica di picco pari a 46'845,00 kW e sarà installato sui seguenti terreni agricoli, individuati al N.C.T. del comune di Pozzolo Formigaro:

- Foglio 2, particelle 27, 28, 43, 45, 46, 47, 52, 53, 60, 74, 78, 81, 120, 176, 181, 183 per circa 29,1 ha;
- Foglio 4, particelle 40, 49, 71, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 162, 180, 194, 196, 198, 199, 202, 203, 206, 207, 208, 239, per circa 27 ha;
- Foglio 6, particelle 3, 38, 81, 82, 83, 84, 85, 86, 87, 259, 261, 263, 71, 199, 73, 74, 75, 196, per circa 11,9 ha.

La componente fotovoltaica verrà integrata da un progetto agricolo che prevede la piantumazione di un nocciolo intensivo multi-varietale unitamente alla costituzione di un prato stabile impiegato come cover crops durante tutto l'anno.

Data la potenza dell'impianto, superiore ai 10'000 kW, il servizio di connessione sarà erogato in alta tensione (AT), ai sensi della Deliberazione dell'Autorità per l'energia elettrica e il gas 23 luglio 2008 n.99 e s.m.i.

La Soluzione Tecnica Minima Generale elaborata dal gestore della rete di trasmissione Terna prevede che la centrale fotovoltaica venga collegata in antenna a 36 kV su nuova Stazione Elettrica (SE) di Trasformazione della RTN a 220/132/36 kV da inserire in entra-esce alla linea RTN a 220 kV “Casanova – Vignole Borbera”, alla linea RTN a 220 kV “Italsider Novi – Vignole Borbera”; alla linea RTN a 132 kV “Aulara – Frugarolo”; alla linea RTN a 132 kV “Sezzadio – Spinetta Centrale”

Le opere progettuali sono sintetizzate nel seguente elenco:

- Impianto fotovoltaico composto da 74'952 moduli fotovoltaici in silicio monocristallino, 1'653 inseguitori solari monoassiali del tipo “double-portrait”, 12 power station (unità di conversione c.c./c.a. e trasformazione BT/36 kV), cabine di smistamento, cabine ausiliari, distribuzione dei cavidotti interrati in c.c. (fino a 1'500 V) e c.a. (a 36 kV);
- impianto di rete, consistente in una nuova SE a 220 kV della RTN da inserire in entra-esce alle linee RTN “Casanova – Vignole Borbera” a 220 kV, “Italsider Novi – Vignole Borbera” a 220 kV, “Aulara – Frugarolo” a 132 kV e “Sezzadio – Spinetta” a 132 kV.
- impianto di utenza per la connessione alla RTN, consistente nella rete di terra, nella rete di comunicazione in fibra ottica, nel cavidotto a 36 kV interamente interrato e sviluppato principalmente sotto strade esistenti in antenna per il collegamento della centrale sulla nuova Stazione Elettrica.



**Impianto fotovoltaico con agricoltura  
integrata “La Cipollona”  
Comune di Pozzolo Formigaro (AL)**



**RELAZIONE DI CALCOLO OPERE ELETTRICHE**

I progetti del tipo in esame rispondono a finalità di interesse pubblico (riduzione dei gas ad effetto serra, risparmio di fonti fossili scarse ed importate) ed in quanto tali sono indifferibili ed urgenti, come stabilito dalla legge 1° giugno 2002, n. 120, concernente “Ratifica ed esecuzione del Protocollo di Kyoto alla Convenzione quadro delle Nazioni Unite sui cambiamenti climatici, fatto a Kyoto l’11 dicembre 1997” e dal D.Lgs. 29 dicembre 2003, n.387 “Attuazione della direttiva 2001/77/CE relativa alla promozione dell’energia elettrica prodotta da fonti energetiche rinnovabili nel mercato interno dell’elettricità” e s.m.i..

L'utilizzo di fonti rinnovabili comporta infatti beneficio a livello ambientale, in termini di tonnellate equivalenti di petrolio (TEP) risparmiate e mancate emissioni di gas serra, polveri e inquinanti.

## 2 Scopo

La presente relazione ha lo scopo di illustrare i principali calcoli e criteri applicati nella progettazione delle opere elettriche di un impianto di generazione elettrica mediante sfruttamento di fonte rinnovabile solare fotovoltaica, di potenza nominale di picco pari a 46'845,00 kW da realizzare nel comune di Pozzolo Formigaro (AL).

Nel seguito verranno illustrate le caratteristiche principali del generatore fotovoltaico e dei circuiti di distribuzione in c.a. e in c.c. in bassa e alta tensione (36 kV).

Successivamente verranno mostrati i criteri di dimensionamento utilizzati finalizzati al corretto funzionamento dell'impianto fotovoltaico nelle diverse condizioni di esercizio.

Gli scopi principali della relazione sono quelli di:

- determinare i parametri elettrici fondamentali di funzionamento dell'impianto, sia in condizioni normali che in condizione di guasto;
- determinare i parametri elettrici di riferimento per l'acquisizione dei principali componenti di impianto, determinando i criteri generali di scelta delle soluzioni impiantistiche adottate;
- definire i criteri e le soluzioni impiantistiche ai fini della sicurezza delle persone nei confronti dei contatti diretti e indiretti.

## 3 Proponente

Il soggetto proponente del progetto in esame è Renantis Italia S.r.l., operatore internazionale nel campo delle energie rinnovabili, attivo nello sviluppo, nella progettazione, realizzazione e gestione di impianti di produzione di energia pulita. Fornisce, inoltre, servizi altamente specializzati di gestione energetica, sia a produttori sia a consumatori di energia, sfruttando la propria esperienza anche per la gestione tecnico-amministrativa di impianti di terzi.

Renantis nasce nel 2002 come Actelios SpA, la cui missione principale è la produzione di energia pulita. La società decide di investire in modo pionieristico nelle rinnovabili, specialmente nel Regno Unito. Fin dagli esordi il modello di investimento è virtuoso e le comunità locali partecipano in minima parte all'investimento, beneficiando degli utili dell'impianto. Oggi la crescita della Società è sostenuta da fondi infrastrutturali di cui JP Morgan è advisor, che assicurano prospettive di stabilità e una visione a lungo termine.

Il Gruppo Renantis è presente in Italia, Regno Unito, Francia, Spagna, Norvegia, Svezia e Stati Uniti, per un totale di 1420 MW installati principalmente da fonte eolica e fotovoltaica. In Italia ha una capacità installata di 354 MW con numerosi impianti in diverse Regioni italiane, tra cui vanno ricordati l'impianto eolico più grande del nostro Paese a Buddusò in Sardegna (138 MW) e l'impianto di San Sostene in Calabria (79,5 MW).

La sostenibilità permea ogni decisione della Società e del processo aziendale e ricalca l'impegno verso un futuro decarbonizzato e l'attenzione al contesto in costante evoluzione. Tutto lo sviluppo ruota intorno al concetto di partnership con i proprietari dei terreni, con le comunità locali che vivono vicino agli impianti, con le aziende del territorio e con gli amministratori pubblici, garantendo a ciascuna di queste controparti rispetto, ascolto ed impegno.

## 4 Norme e documenti di riferimento

In questo capitolo si riportano i principali riferimenti normativi da prendere in considerazione per la progettazione, la costruzione e l'esercizio dell'intervento oggetto del presente documento.

Tutte le opere dovranno essere realizzate nel rispetto della regola d'arte, nonché delle leggi, norme e disposizioni vigenti e, se non diversamente specificato, in osservanza delle Norme CEI, IEC, CENELEC, ISO, UNI in vigore.

- D.Lgs 9 Aprile 2008 n. 81 e s.m.i.: Attuazione dell'articolo 1 della Legge 3 Agosto 2007, n. 123, in materia di tutela della salute e della sicurezza nei luoghi di lavoro;
- CEI EN 50110-1: Esercizio degli impianti elettrici;
- CEI 11-27: Lavori su impianti elettrici;
- CEI 0-10: Guida alla manutenzione degli impianti elettrici;
- CEI UNI EN ISO/IEC 17025: Requisiti generali per la competenza dei laboratori di prova e di taratura
- CEI 0-2. Guida per la definizione della documentazione di progetto degli impianti elettrici;
- “Norme Tecniche per le Costruzioni 2018” indicate dal DM del 17 Gennaio 2018, pubblicate sulla Gazzetta Ufficiale il 20 febbraio 2018, in vigore dal 22 marzo 2018, con nota n. 3187 del Consiglio superiore dei Lavori pubblici (Cslpp) del 21 marzo 2018 e relative circolari applicative della norma;
- ANSI/UL 1703:2002: Flat-Plate Photovoltaic Modules and Panels;
- IEC/TS 61836: Solar photovoltaic energy systems – Terms, definitions and symbols;
- CEI EN 50461 (CEI 82-26): Celle solari;
- CEI EN 50521(82-31): Connettori per sistemi fotovoltaici;
- CEI EN 60891 (CEI 82-5): Caratteristiche I-V di dispositivi fotovoltaici in Silicio cristallino – Procedure di riporto dei valori misurati in funzione di temperatura e irraggiamento;
- CEI EN 60904-1 (CEI 82-1): Dispositivi fotovoltaici – Parte 1, Misura delle caratteristiche fotovoltaiche corrente-tensione;
- CEI EN 60904-2 (CEI 82-2): Dispositivi fotovoltaici – Parte 2, Prescrizione per i dispositivi solari di riferimento;
- CEI EN 60904-3 (CEI 82-3): Dispositivi fotovoltaici – Parte 3, Principi di misura dei sistemi solari fotovoltaici (PV) per uso terrestre e irraggiamento spettrale di riferimento;
- CEI EN 60904-4 (82-32): Dispositivi fotovoltaici -Parte 4 Dispositivi solari di riferimento - Procedura per stabilire la tracciabilità della taratura;
- CEI EN 60904-5 (82-10): Dispositivi fotovoltaici -Parte 5, Determinazione della temperatura equivalente di cella (ETC) dei dispositivi solari fotovoltaici (PV) attraverso il metodo della tensione a circuito aperto;

- CEI EN 60904-7 (82-13): Dispositivi fotovoltaici -Parte 7, Calcolo della correzione dell'errore di disadattamento fra le risposte spettrali nelle misure di dispositivi fotovoltaici;
- CEI EN 60904-8 (82-19): Dispositivi fotovoltaici - Parte 8, Misura della risposta spettrale di un dispositivo fotovoltaico;
- CEI EN 60904-9 (82-29): Dispositivi fotovoltaici -Parte 9, Requisiti prestazionali dei simulatori solari;
- CEI EN 60068-2-21 (91-40): Prove ambientali -Parte 2-21, Prova U: Robustezza dei terminali e dell'interconnessione dei componenti sulla scheda;
- CEI EN 61173 (CEI 82-4): Protezione contro le sovratensioni dei sistemi fotovoltaici (FV) per la produzione di energia – Guida;
- CEI EN 61215 (CEI 82-8): Moduli fotovoltaici (FV) in Silicio cristallino per applicazioni terrestri – Qualifica del progetto e omologazione del tipo;
- CEI EN 61646 (CEI 82-12): Moduli fotovoltaici (FV) in Silicio cristallino per applicazioni terrestri – Qualifica del progetto e omologazione del tipo;
- CEI EN 61277 (CEI 82-17): Sistemi fotovoltaici (FV) di uso terrestre per la generazione di energia elettrica – Generalità e guida;
- CEI EN 61345 (CEI 82-14): Prova all'UV dei moduli fotovoltaici (FV);
- CEI EN 61683 (CEI 82-20): Sistemi fotovoltaici - Condizionatori di potenza - Procedura per misurare l'efficienza;
- CEI EN 61701 (CEI 82-18): Prova di corrosione da nebbia salina dei moduli fotovoltaici (FV);
- CEI EN 61724 (CEI 82-15): Rilievo delle prestazioni dei sistemi fotovoltaici – Linee guida per la misura, lo scambio e l'analisi dei dati;
- CEI EN 61727 (CEI 82-9) Sistemi fotovoltaici (FV) - Caratteristiche dell'interfaccia di raccordo alla rete
- CEI EN 61730-1 (CEI 82-27): Qualificazione per la sicurezza dei moduli fotovoltaici (FV) Parte 1, Prescrizioni per la costruzione;
- CEI EN 61730-2 (CEI 82-28): Qualificazione per la sicurezza dei moduli fotovoltaici (FV) Parte 2: Prescrizioni per le prove;
- CEI EN 61829 (CEI 82-16): Schiere di moduli fotovoltaici (FV) in Silicio cristallino – Misura sul campo delle caratteristiche I-V;
- CEI EN 62093 (CEI 82-24): Componenti di sistemi fotovoltaici - moduli esclusi (BOS) - Qualifica di progetto in condizioni ambientali naturali;
- CEI EN 62108 (82-30): Moduli e sistemi fotovoltaici a concentrazione (CPV) – Qualifica del progetto e approvazione di tipo;
- CEI 0-16: Regola tecnica di riferimento per la connessione di Utenti attivi e passivi alle reti AT ed MT delle imprese distributrici di energia elettrica;



- CEI 64-8: Impianti elettrici utilizzatori a tensione nominale non superiore a 1000 V in corrente alternata e a 1500 V in corrente continua;
- CEI 64-8/7 (Sez.712): Impianti elettrici utilizzatori a tensione nominale non superiore a 1000 V in corrente alternata e a 1500 V in corrente continua - Parte 7: Ambienti ed applicazioni particolari;
- CEI 64-12: Guida per l'esecuzione dell'impianto di terra negli edifici per uso residenziale e terziario;
- CEI 64-14: Guida alla verifica degli impianti elettrici utilizzatori;
- IEC/TS 60479-1: Effects of current on human beings and livestock – Part 1: General aspects;
- IEC 60364-7-712: Electrical installations of buildings – Part 7-712: Requirements for special installations or locations – Solar photovoltaic (PV) power supply systems;
- CEI 64-57: Edilizia ad uso residenziale e terziario - Guida per l'integrazione degli impianti elettrici utilizzatori e per la predisposizione di impianti ausiliari, telefonici e di trasmissione dati negli edifici - Impianti di piccola produzione distribuita;
- CEI EN 61140 (CEI 0-13): Protezione contro i contatti elettrici - Aspetti comuni per gli impianti e le apparecchiature;
- CEI EN 61439-1 (CEI 17-13/1): Apparecchiature assiemate di protezione e di manovra per bassa tensione (quadri BT) – Parte 1: Apparecchiature soggette a prove di tipo (AS) e apparecchiature parzialmente soggette a prove di tipo (ANS);
- CEI EN 61439-3 (CEI 17-13/3): Apparecchiature assiemate di protezione e di manovra per bassa tensione (quadri BT) – Parte 3: Prescrizioni particolari per apparecchiature assiemate di protezione e di manovra destinate ad essere installate in luoghi dove personale non addestrato ha accesso al loro uso – Quadri di distribuzione ASD;
- CEI 23-51: Prescrizioni per la realizzazione, le verifiche e le prove dei quadri di distribuzione per installazioni fisse per uso domestico e similare;
- CEI 11-1: Impianti elettrici con tensione superiore a 1 kV in corrente alternata;
- CEI 11-17: Impianti di produzione, trasmissione e distribuzione di energia elettrica – Linee incavo;
- CEI 11-20: Impianti di produzione di energia elettrica e gruppi di continuità collegati a reti di I e II categoria;
- CEI EN 50110-1 (CEI 11-48): Esercizio degli impianti elettrici;
- CEI EN 50160 (CEI 8-9): Caratteristiche della tensione fornita dalle reti pubbliche di distribuzione dell'energia elettrica;
- CEI 20-13: Cavi con isolamento estruso in gomma per tensioni nominali da 1 a 30 kV;
- CEI 20-14: Cavi isolati con polivinilcloruro per tensioni nominali da 1 kV a 3 kV;
- CEI-UNEL 35024-1: Cavi elettrici isolati con materiale elastomerico o termoplastico per tensioni nominali non superiori a 1000 V in corrente alternata e a 1500 V in corrente

- continua – Portate di corrente in regime permanente per posa in aria;
- CEI-UNEL 35026: Cavi elettrici isolati con materiale elastomerico o termoplastico per tensioni nominali di 1000 V in corrente alternata e 1500 V in corrente continua. Portate di corrente in regime permanente per posa interrata;
- CEI 20-40: Guida per l'uso di cavi a bassa tensione;
- CEI 20-65: Cavi elettrici isolati con materiale elastomerico, termoplastico e isolante minerale per tensioni nominali non superiori a 1000 V in corrente alternata e 1500 V in corrente continua - Metodi di verifica termica (portata) per cavi raggruppati in fascio contenente conduttori di sezione differente;
- CEI 20-67: Guida per l'uso dei cavi 0,6/1 kV;
- CEI 20-91: Cavi elettrici con isolamento e guaina elastomerici senza alogeni non propaganti la fiamma con tensione nominale non superiore a 1 000 V in corrente alternata e 1 500 V in corrente continua per applicazioni in impianti fotovoltaici
- CEI EN 50086-1 (CEI 23-39): Sistemi di tubi ed accessori per installazioni elettriche – Parte 1: Prescrizioni generali;
- CEI EN 50086-2-4 (CEI 23-46): Sistemi di canalizzazione per cavi - Sistemi di tubi
- CEI EN 50262 (CEI 20-57): Pressa cavo metrici per installazioni elettriche;
- CEI EN 60423 (CEI 23-26): Tubi per installazioni elettriche – Diametri esterni dei tubi per installazioni elettriche e filettature per tubi e accessori;
- CEI EN 61386-1 (CEI 23-80): Sistemi di tubi e accessori per installazioni elettriche Parte 1: Prescrizioni generali;
- CEI EN 61386-21 (CEI 23-81): Sistemi di tubi e accessori per installazioni elettriche Parte 21: Prescrizioni particolari per sistemi di tubi rigidi e accessori;
- CEI EN 61386-22 (CEI 23-82): Sistemi di tubi e accessori per installazioni elettriche Parte 22: Prescrizioni particolari per sistemi di tubi pieghevoli e accessori;
- CEI EN 61386-23 (CEI 23-83): Sistemi di tubi e accessori per installazioni elettriche
- CEI EN 50164-1 (CEI 81-5): Componenti per la protezione contro i fulmini (LPC) – Parte 1: Prescrizioni per i componenti di connessione;
- CEI EN 61643-11 (CEI 37-8): Limitatori di sovratensioni di bassa tensione – Parte 11: Limitatori di sovratensioni connessi a sistemi di bassa tensione – Prescrizioni e prove;
- CEI EN 62305 (CEI 81-10): Protezione contro i fulmini;
- CEI EN 60947-1 (CEI 17-44): Apparecchiature a bassa tensione;
- CEI 110-26: Guida alle norme generiche EMC;
- CEI EN 50263 (CEI 95-9): Compatibilità elettromagnetica (EMC) – Norma di prodotto per i relè di misura e i dispositivi di protezione;

- CEI EN 60555-1 (CEI 77-2): Disturbi nelle reti di alimentazione prodotti da apparecchi elettrodomestici e da equipaggiamenti elettrici simili;
- CEI EN 61000: Compatibilità elettromagnetica (EMC).
- “Codice di Trasmissione, Dispacciamento, Sviluppo e Sicurezza della Rete” (Terna). Allegato A.68 “CENTRALI FOTOVOLTAICHE: Condizioni generali di connessione alle reti AT. Sistemi di protezione regolazione e controllo”;
- CEI – PAS 82-93 “Impianti agrivoltaici”.

## 5 Calcoli elettrici

### 5.1 Determinazione della potenza dell'impianto

Il primo passo nella redazione del progetto è stato quello di definire il layout di impianto, ottimizzandolo in funzione dell'orientamento dei confini e delle pendenze del terreno sulla base delle scelte tecnologiche effettuate (inseguitori solari monoassiali).

Il calcolo della potenza installata è stato quindi il primo parametro progettuale individuato. Le principali caratteristiche sono riportate in seguito.

#### **Principali caratteristiche dell'impianto**

|   |   |               |               |              |              |
|---|---|---------------|---------------|--------------|--------------|
| <i>Nome impianto</i>                                | "La Cipollona"  |               |               |              |              |
| <i>Comune (provincia)</i>                           | Pozzolo Formigaro (AL)  |               |               |              |              |
| <i>Località</i>                                     | "C.ne Zinzini" – "Bettole di Tortona"   |               |               |              |              |
| <i>Coordinate</i>                                   | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td align="center">44°49'45.97"N</td> <td align="center">44°49'48.60"N</td> </tr> <tr> <td align="center">8°47'13.56"E</td> <td align="center">8°48'54.68"E</td> </tr> </table> | 44°49'45.97"N | 44°49'48.60"N | 8°47'13.56"E | 8°48'54.68"E |
| 44°49'45.97"N                                       | 44°49'48.60"N   |               |               |              |              |
| 8°47'13.56"E  | 8°48'54.68"E  |               |               |              |              |
| <i>Potenza nominale (c.c.)</i>                      | 46'845,00 kWp   |               |               |              |              |
| <i>Potenza nominale apparente installata (c.a.)</i> | 46'800,00 kVA   |               |               |              |              |
| <i>Tensione di sistema (c.c.)</i>                   | < 1'500 Vdc   |               |               |              |              |
| <i>Punto di connessione</i>                         | Nuova SE "Mandrino" di trasformazione<br>220/132/36 kV  |               |               |              |              |
| <i>Potenza in immissione richiesta</i>              | 42'600 kW   |               |               |              |              |
| <i>Tipologia impianto</i>                           | Strutture ad inseguimento<br>solare monoassiale   |               |               |              |              |
| <i>Moduli</i>                                       | 74'952 moduli fotovoltaici al silicio monocristallino<br>bifacciali   |               |               |              |              |
| <i>Inverter</i>                                     | N.12 power station dotate di inverter centralizzato e<br>trasformatore  |               |               |              |              |
| <i>Tilt</i>   | 0°  |               |               |              |              |
| <i>Interasse (pitch)</i>                            | 9,6 m   |               |               |              |              |
| <i>Tipologia tracker</i>                            | n.183 da 2x12 moduli<br>n.1'470 da 2x24 moduli<br>configurazione " double-portrait"   |               |               |              |              |
| <i>Massima inclinazione tracker</i>                 | (Est/ovest +55°/-55°)   |               |               |              |              |

**Tabella 5-1 – Sintesi delle caratteristiche dell'impianto fotovoltaico**

L'impianto può essere suddiviso in due sezioni principali:

- La produzione di energia elettrica che comprende moduli fotovoltaici, installati su strutture ad inseguimento solare, i quadri in bassa tensione e a 36 kV, i trasformatori e i cavidotti in bassa e alta tensione (36 kV);
- Il sistema di connessione alla RTN che consiste in un cavidotto interrato alla tensione di 36 kV che collegherà la centrale fotovoltaica allo stallo a 36 kV della nuova Stazione Elettrica di trasformazione 220/132/36 kV di Terna denominata “Mandrino”.

## 5.2 Caratteristiche dei moduli fotovoltaici

È previsto l'impiego di moduli fotovoltaici bifacciali monocristallini ad alto rendimento di potenza nominale pari a 625 Wp, marca JinkoSolar (o modelli simili) modello Tiger Neo N-type 78HL4-BDV 615-635 Watt. Le caratteristiche principali nelle condizioni di Standard Test Condition (STC: 1'000 W/m<sup>2</sup>, 25°C, AM 1,5) sono le seguenti:

|  |                             |
|--|-----------------------------|
| <i>Potenza max [Wp]</i>  | 625                         |
| <i>Tolleranza sulla potenza</i>  | 0-3 %                       |
| <i>Tensione alla potenza massima [V]</i>                                   | 47,54                       |
| <i>Corrente alla potenza massima [A]</i>                                   | 13,15                       |
| <i>Tensione a circuito aperto [V]</i>                                      | 56,95                       |
| <i>Corrente di corto circuito [A]</i>                                      | 13,80                       |
| <i>Efficienza del modulo @STC</i>  | 22,36%                      |
| <i>Coefficiente di correzione della Pmax in funzione della temperatura</i> | -0,29%/°C                   |
| <i>Coefficiente di correzione della Voc in funzione della temperatura</i>  | -0,25%/°C                   |
| <i>Coefficiente di correzione della Isc in funzione della temperatura</i>  | 0,045%/°C                   |
| <i>Principali dimensioni</i>   | 2'465 mm x 1'134 mm x 35 mm |

**Tabella 5-2 – Principali caratteristiche modulo fotovoltaico**

### 5.3 Caratteristiche power station

È previsto l'impiego di unità di conversione e trasformazione (o power station) del modello SMA serie MVPS o similari che saranno ubicati all'interno di container complete di trasformatore da bassa tensione fino alla tensione in uscita di 36 kV e di interruttori per le linee in ingresso e uscita, oltre che per la protezione del trasformatore stesso. Si riportano a titolo d'esempio i dati tecnici della power station con potenza apparente pari a 4'400 kVA.

|   |                       |
|---|-----------------------|
| <i>Potenza apparente nominale [kVA]</i>                       | 4'400                 |
| <i>Potenza attiva a <math>\cos\phi=1</math> [kW] (T=25°C)</i> | 4'400                 |
| <i>Potenza attiva a <math>\cos\phi=1</math> [kW] (T=40°C)</i> | 3'960                 |
| <i>Corrente max lato c.c. [A]</i>                             | 4'750                 |
| <i>Corrente max lato a.c. [A]</i>                             | 3'850                 |
| <i>Intervallo di tensione MPP [V]</i>                         | 962/1'325             |
| <i>Tensione max in ingresso lato c.c. [V]</i>                 | 1'500                 |
| <i>Tensione nominale in uscita lato a.c. [V]</i>              | 660                   |
| <i>N° ingressi lato c.c.</i>                                  | 32                    |
| <i>Ingombro complessivo</i>                                   | 6'058 x 2'896 x 2'438 |
| <i>Efficienza max [%]</i>                                     | 98,8                  |

Tabella 5-3 – Principali caratteristiche power station

#### 5.3.1 Compatibilità stringhe-inverter

L'accoppiamento inverter - stringhe è un processo che valuta attentamente diverse condizioni estreme di funzionamento dell'impianto.

In particolare, il dimensionamento delle stringhe è stato effettuato considerando i requisiti previsti dalla guida CEI 82-25 ed in particolare, con il supporto del software PVsyst. Nel dettaglio sono state prese in considerazione le seguenti condizioni di funzionamento:

1. Tensione massima stringa a vuoto, alla minima temperatura:
  - Tensione di circuito aperto Voc a -10 °C deve essere inferiore alla tensione massima dell'inverter.
2. Tensioni MPPT:
  - La tensione nel punto di massima potenza, Vpm a 70 °C deve essere maggiore della Tensione MPPT minima.
  - Tensione nel punto di massima potenza, Vpm a -10 °C deve essere minore della Tensione MPPT massima.

I risultati delle verifiche di accoppiamento, nelle condizioni più gravose, sono riassunti nella Tabella 5-4 per la PS di taglia 4'400 kVA.

|                       | <b>Grandezza</b>         | <b>Temperatura</b> | <b>Valore grandezza</b> | <b>Valore limite di riferimento</b> |
|-----------------------|--------------------------|--------------------|-------------------------|-------------------------------------|
| <i>Condizione 1</i>   | Tensione a vuoto massima | -10°C              | 1'486 V                 | 1'500 (inverter)                    |
| <i>Condizione 2.1</i> | Tensione MPP massima     | -10°C              | 1'260 V                 | 1'325 (inverter)                    |
| <i>Condizione 2.2</i> | Tensione MPP minima      | 70°C               | 987 V                   | 962 (inverter)                      |

**Tabella 5-4 – Compatibilità campo-inverter**

## 5.4 Quadri di campo

I quadri di campo o di parallelo BT permettono il collegamento elettrico tra le stringhe provenienti dal generatore fotovoltaico ed il gruppo di conversione c.c./c.a. ed includono protezioni di stringa ed eventuali protezioni contro le sovratensioni. Le principali caratteristiche sono riportate

|  |                              |
|--|------------------------------|
| <i>Tensione nominale [V]</i>               | 1'500                        |
| <i>n. stringhe in input</i>                | 16                           |
| <i>Corrente nominale input [A]</i>         | 13,15                        |
| <i>Corrente nominale output [A]</i>        | 210,4                        |
| <i>Interruttore di manovra-sezionatore</i> | 400 A/1500 V                 |
| <i>n. uscite</i>                           | 2                            |
| <i>Sezione conduttori in uscita</i>        | Da 240 a 400 mm <sup>2</sup> |

**Tabella 5-5 – Principali caratteristiche quadri BT di campo**

## 5.5 Quadri a 36 kV

Nell'impianto sono dislocati quadri a 36 kV di smistamento e di connessione alle cabine di trasformazione. In ciascuna cabina di conversione e trasformazione è previsto un quadro a 36 kV con la cella di protezione del trasformatore e i due sezionatori della linea entra-esce che collegano tra loro le cabine d'impianto.

Le caratteristiche principali dei seguenti componenti sono riportate in

|  |      |
|--|------|
| <i>Tensione nominale [kV]</i>                  | 40,5 |
| <i>Tensione di esercizio [kV]</i>              | 36   |
| <i>Numero delle fasi</i>                       | 3F   |
| <i>Frequenza nominale [Hz]</i>                 | 50   |
| <i>Corrente nominale sbarre principali [A]</i> | 1250 |
| <i>Grado di protezione</i>                     | IP65 |

**Tabella 5-6 – Caratteristiche tecniche cabine di smistamento**

Ogni quadro e le apparecchiature posizionate al suo interno dovranno essere progettati, costruiti e collaudati in conformità alle Norme CEI (Comitato Elettrotecnico Italiano), IEC (*International Electrotechnical Commission*) in vigore.

Ciascun quadro elettrico sarà formato da unità affiancabili, ognuna costituita da celle componibili e standardizzate, in esecuzione senza perdita di continuità d'esercizio secondo IEC 62271-200.

I quadri saranno realizzati in esecuzione protetta e saranno adatti per installazione all'interno in accordo alla normativa CEI/IEC.



## 6 Dimensionamento dei cavi

### 6.1 Conduttori di fase

Il dimensionamento dei conduttori di fase ha il fine di garantire:

- la protezione dei conduttori alle correnti di sovraccarico.
- massima caduta di tensione,  $\Delta V\% \leq 2\%$  per le sezioni in c.c. e  $\Delta V\% \leq 4\%$  per le sezioni in a.c.

Il primo obiettivo viene conseguito tramite un opportuno coordinamento tra il dispositivo di protezione e la portata nominale di corrente del conduttore, ovvero verificando la validità delle seguenti relazioni:

$$I_b \leq I_n \leq I_z$$

$$I_f \leq 1,45 \cdot I_z$$

Dove  $I_b$  indica la corrente di impiego,  $I_n$  è la corrente nominale della protezione a monte del conduttore da dimensionare,  $I_z$  è la portata di corrente del conduttore, dipendente dalla sezione del conduttore stesso e  $I_f$  è la corrente convenzionale di funzionamento.

La portata  $I_z$  deve tener conto, tramite opportuni coefficienti, del:

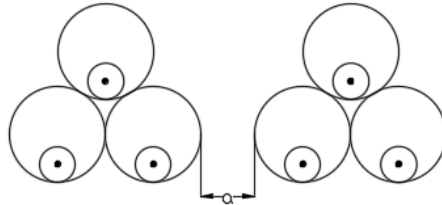
- numero di conduttori in prossimità
- materiale conduttore
- tipo di isolamento
- tipologia di posa

Tabella 6-1 - Coefficienti di correzione per più gruppi di circuiti installati sullo stesso piano in tubi protettivi direttamente interrati (CEI UNEL 35026)

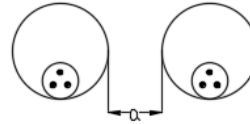
| Numero di circuiti | DISTANZA FRA I CIRCUITI <sup>(a)</sup><br>(m) |      |       |      |
|--------------------|---|------|-------|------|
|                    | a contatto                                    | 0,25 | 0,5   | 1    |
| 2                  | 0,80  | 0,90 | 0,950 | 0,95 |
| 3                  | 0,70  | 0,80 | 0,85  | 0,90 |
| 4                  | 0,65  | 0,75 | 0,80  | 0,90 |
| 5                  | 0,60  | 0,70 | 0,80  | 0,90 |
| 6                  | 0,60  | 0,70 | 0,80  | 0,90 |

**RELAZIONE DI CALCOLO OPERE ELETTRICHE**

unipolari, un cavo per ciascun tubo



multipolari,  
un cavo per ciascun tubo



**Tabella 6-2 - Coefficienti di correzione per posa interrata e temperature ambientali diverse da 20°C (CEI UNEL 35027)**

| Temperatura massima conduttore<br>(°C) | Temperatura ambiente del terreno<br>(°C) |      |      |      |
|--|--|------|------|------|
|  | 15                                       | 25   | 30   | 35   |
| 90                                     | 1,05                                     | 0,94 | 0,88 | 0,82 |

**Tabella 6-3 - Coefficienti di correzione per valori di resistività termica diversi da 1,5 Km/W, per cavi unipolari in tubi direttamente interrati (CEI UNEL 35027)**

| Sezione del conduttore<br>(mm <sup>2</sup> ) | Resistività termica<br>(K · m/W) |      |      |
|--|----------------------------------|------|------|
|  | 1,0                              | 2,0  | 2,5  |
| 10   | 1,11                             | 0,92 | 0,85 |
| 16   | 1,11                             | 0,92 | 0,85 |
| 25   | 1,12                             | 0,91 | 0,85 |
| 35   | 1,12                             | 0,91 | 0,84 |
| 50   | 1,12                             | 0,91 | 0,84 |
| 70   | 1,12                             | 0,91 | 0,84 |
| 95   | 1,13                             | 0,91 | 0,84 |
| 120  | 1,13                             | 0,91 | 0,84 |
| 150  | 1,13                             | 0,91 | 0,83 |
| 185  | 1,13                             | 0,91 | 0,83 |
| 240  | 1,14                             | 0,90 | 0,83 |
| 300  | 1,14                             | 0,90 | 0,83 |

**Tabella 6-4 - Coefficienti di correzione per temperature del terreno diverse da 20°C (CEI UNEL 35026)**

| Temperatura del terreno (°C) | TIPO DI ISOLAMENTO |      |
|------------------------------|--------------------|------|
|                              | PVC                | EPR  |
| 10                           | 1,1                | 1,07 |
| 15                           | 1,05               | 1,04 |
| 25                           | 0,95               | 0,96 |
| 30                           | 0,89               | 0,93 |
| 35                           | 0,84               | 0,89 |
| 40                           | 0,77               | 0,85 |
| 45                           | 0,71               | 0,8  |
| 50                           | 0,63               | 0,76 |
| 55                           | 0,55               | 0,71 |
| 60                           | 0,45               | 0,65 |
| 65                           | —                  | 0,6  |
| 70                           | —                  | 0,53 |
| 75                           | —                  | 0,46 |
| 80                           | —                  | 0,38 |

**Tabella 6-5 - Coefficienti di correzione per valori di profondità di posa diversi da 0.8 m (CEI UNEL 35027)**

| Profondità di posa (m) | Cavi unipolari                            |      | Cavi tripolari |
|------------------------|---|------|----------------|
|                        | Sezione del conduttore (mm <sup>2</sup> ) |      |                |
|                        | ≤185                                      | >185 |                |
| 1,0                    | 0,98                                      | 0,97 | 0,99           |
| 1,25                   | 0,96                                      | 0,95 | 0,97           |
| 1,5                    | 0,95                                      | 0,93 | 0,96           |

**Tabella 6-6 - Coefficienti di correzione per differenti valori di profondità di posa (CEI UNEL 35026)**

| Profondità di posa (m) | 0,5  | 0,8  | 1,0  | 1,2  | 1,5  |
|------------------------|------|------|------|------|------|
| Fattore di correzione  | 1,02 | 1,00 | 0,98 | 0,96 | 0,94 |

**Tabella 6-7 - Coefficienti di correzione per temperature ambiente diverse da 30°C (CEI UNEL 35024-1)**

| Temp. ambiente | Tipo di isolamento |      |
|----------------|--------------------|------|
|                | PVC                | EPR  |
| 10             | 1,22               | 1,15 |
| 15             | 1,17               | 1,12 |
| 20             | 1,12               | 1,08 |
| 25             | 1,06               | 1,04 |
| 35             | 0,94               | 0,96 |
| 40             | 0,87               | 0,91 |
| 45             | 0,79               | 0,87 |
| 50             | 0,71               | 0,82 |
| 55             | 0,61               | 0,76 |
| 60             | 0,50               | 0,71 |
| 65             | -                  | 0,65 |
| 70             | -                  | 0,58 |
| 75             | -                  | 0,50 |
| 80             | -                  | 0,41 |

La portata di corrente effettiva del conduttore è funzione delle modalità di posa dello stesso, tramite la seguente formula:

$$I_z = I_{z,nom} K_1 K_2 K_3 K_4$$

Dove:

- $I_z$  è la portata di corrente effettiva del conduttore in funzione delle modalità di posa;
- $I_{z,nom}$  è la portata di corrente riportata in scheda tecnica dal produttore, in condizione di cavi installati alla profondità di 0,8 m con temperatura del terreno pari a 20°C;
- $K_1 K_2 K_3 K_4$  sono coefficienti correttivi che tengono conto delle diverse modalità di posa rispetto a quelle indicate dal produttore, in termini di tipologia di posa ( $K_1$ ), profondità di posa ( $K_2$ ), temperatura del terreno ( $K_3$ ) e resistività termica del terreno.

La caduta di tensione viene calcolata settorialmente per ciascuna utenza lungo ogni fase ed eventuale conduttore di neutro. La caduta di tensione di una utenza viene quindi determinata come somma vettoriale delle cadute di tensione riferite al singolo conduttore dei rami a monte dell'utenza esaminata. Il valore di caduta di tensione percentuale viene quindi riferito al sistema monofase o trifase e alla tensione nominale.

Il valore della caduta di tensione percentuale,  $\Delta V\%$  può essere calcolato mediante la seguente formula approssimata:

$$\Delta V\% = k \cdot I_b \cdot L_c / 1000 \cdot (R_{cavo} \cdot \cos \varphi + X_{cavo} \cdot \sin \varphi) \cdot 100 / V_n$$

dove il coefficiente  $k$  assume valore pari a 2 per sistemi monofase e pari a  $\sqrt{3}$  per sistemi trifase,  $I_b$  è la corrente di impiego,  $L_c$  è la lunghezza del conduttore,  $R_{cavo}$  ed  $X_{cavo}$  possono essere determinati dalle tabelle UNEL in funzione della tipologia e sezione del conduttore, l'angolo  $\varphi$  rappresenta lo sfasamento tra tensione e corrente e  $V_n$  è la tensione nominale.

Definita la sezione dei conduttori in base ai criteri citati segue il calcolo dell'integrale di Joule, ossia la massima energia specifica ammessa dagli stessi. L'equazione utilizzata è:

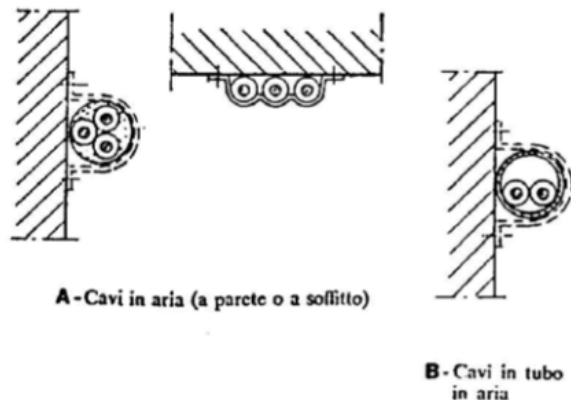
$$I^2 \cdot t = K^2 \cdot S^2$$

dove la costante K è definita dalla norma CEI 64-8, in funzione del materiale del conduttore e dell'isolante. I valori di K riportati dalla norma sono:

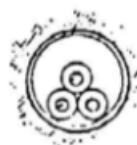
| <b>Conduttori di fase e neutro</b>                        | <b>K</b> |
|---|----------|
| Cavo in rame e isolato in PVC                             | 115      |
| Cavo in rame e isolato in gomma G                         | 135      |
| Cavo in rame e isolato in gomma etilenpropilenica G5-G7   | 143      |
| Cavo in rame serie L rivestito in materiale termoplastico | 115      |
| Cavo in rame serie L nudo                                 | 200      |
| Cavo in rame serie H rivestito in materiale termoplastico | 115      |
| Cavo in rame serie H nudo                                 | 200      |
| Cavo in alluminio e isolato in PVC                        | 74       |
| Cavo in alluminio e isolato in G, G5-G7                   | 92       |

Le principali modalità di posa previste per i conduttori, in accordo con le norme CEI 11-17 e CEI 64-8, sono le seguenti:

- A – cavi in area (a parete o a soffitto) o B – cavi in tubo in aria. Posa per cavi di stringa lungo l'asse degli inseguitori solari. (posa tipo 3A CEI 64-8).



- N- cavi in tubo interrato. Posa adottata per sistemi di distribuzione in corrente continua e a 36 kV all'interno dell'area di impianto e lungo il tracciato di connessione alla RTN. (posa tipo 61 rif. CEI 64-8).



**N - Cavi in tubo interrato**

## 6.2 Conduttore di neutro

Ai sensi delle norme CEI 64-8 il conduttore di neutro può essere dimensionato in relazione:

- alla sezione di fase
- alla portata del neutro

Seguendo il primo criterio, la sezione del conduttore di protezione viene determinata sulla base delle relazioni riportate in Tabella 6-8 in dipendenza dalla sezione del conduttore di fase.

**Tabella 6-8 - Criterio per determinare la sezione del conduttore di neutro (N) in relazione alla sezione del conduttore di fase (F)**

| <b>Sezione conduttore di fase (F)</b>     | <b>Sezione conduttore di neutro (N)</b> |
|---|---|
| $S_F < 16 \text{ mm}^2$                   | $S_N = S_F$                             |
| $16 \text{ mm}^2 < S_F < 35 \text{ mm}^2$ | $S_N = 16 \text{ mm}^2$                 |
| $S_F > 35 \text{ mm}^2$                   | $S_N = S_F/2$                           |

Il secondo criterio consiste nel dimensionare il conduttore tenendo conto della corrente di impiego circolante nel neutro come per il caso di conduttori di fase.

Il secondo criterio si basa sulla determinazione della massima energia specifica ammessa da un conduttore, ovvero sul calcolo dell'integrale di Joule. Affinché la sezione del conduttore sia ritenuta congrua deve essere soddisfatta la relazione:

$$I^2 \cdot t = K^2 \cdot S^2$$

Dove  $S$  indica la sezione del conduttore di protezione espressa in  $\text{mm}^2$ ;  $I$  è il valore efficace della corrente di guasto che può percorrere il conduttore in caso di impedenza trascurabile espressa in  $A$ ;  $t$  è il tempo di intervento del dispositivo di protezione espresso in secondi;  $K$  è un coefficiente dipendente dal materiale del conduttore e dell'isolamento.

I valori della costante K vengono forniti dalla norma CEI 64-8:

| <b>Conduttori di protezione unipolari</b>                 | <b>K</b> |
|---|----------|
| Cavo in rame e isolato in PVC                             | 143      |
| Cavo in rame e isolato in gomma G                         | 166      |
| Cavo in rame e isolato in gomma G5-G7                     | 176      |
| Cavo in rame serie L rivestito in materiale termoplastico | 143      |
| Cavo in rame serie L nudo                                 | 228      |
| Cavo in rame serie H rivestito in materiale termoplastico | 143      |
| Cavo in rame serie H nudo                                 | 228      |
| Cavo in alluminio e isolato in PVC                        | 95       |
| Cavo in alluminio e isolato in gomma G                    | 110      |
| Cavo in alluminio e isolato in gomma G5-G7                | 116      |
| <b>Conduttori di protezione multipolari</b>               | <b>K</b> |
| Cavo in rame e isolato in PVC                             | 115      |
| Cavo in rame e isolato in gomma G                         | 135      |
| Cavo in rame e isolato in gomma G5-G7                     | 143      |
| Cavo in rame serie L rivestito in materiale termoplastico | 115      |
| Cavo in rame serie L nudo                                 | 228      |
| Cavo in rame serie H rivestito in materiale termoplastico | 115      |
| Cavo in rame serie H nudo                                 | 228      |
| Cavo in alluminio e isolato in PVC                        | 76       |
| Cavo in alluminio e isolato in gomma G                    | 89       |
| Cavo in alluminio e isolato in gomma G5-G7                | 94       |

## 7 Temperatura dei cavi

La valutazione della temperatura dei cavi viene effettuata sulla base della corrente di impiego e della corrente nominale, considerando che la sovratemperatura del conduttore a regime è proporzionale alla potenza in esso dissipata. Si applica quindi la seguente equazione:

$$T_{\text{cavo}}(I_{b/n}) = T_{\text{ambiente}} + \alpha_{\text{cavo}} \cdot \left(\frac{I_{b/n}}{I_z}\right)^2$$

Il coefficiente  $\alpha_{\text{cavo}}$  è dipendente dal tipo di posa e di isolamento del cavo.

## 8 Fornitura in media e alta tensione

La determinazione del tipo di fornitura è necessaria al fine di eseguire il calcolo dei guasti. Nel caso di fornitura in media tensione i dati iniziali risultano essere:

- tensione di fornitura,  $V_{mt}$
- corrente di cortocircuito trifase massima,  $I_{kmax}$
- Corrente di corto circuito monofase a terra massima,  $I_{k1ftmax}$
- Corrente di corto circuito trifase minima,  $I_{kmin}$
- Corrente di corto circuito monofase a terra minima  $I_{k1ftmin}$

Da questi dati si possono ricavare le impedenze equivalenti della rete di fornitura per determinare il generatore equivalente di tensione.

$$Z_{cc} = \frac{1.1 \cdot V_{mt}}{\sqrt{3} \cdot I_{kmax}}$$

da cui si ricava:

$$\cos\varphi_{mt} = \sqrt{1 - (0.995)^2}$$

$$X_{dl} = 0.995 \cdot Z_{ccmt}$$

$$R_{dl} = \cos\varphi_{ccmt} \cdot Z_{ccmt}$$

$$R_0 = \frac{\sqrt{3} \cdot 1.1 \cdot V_{mt}}{I_{k1ftmax}} \cdot \cos\varphi_{ccmt} - 2R_{dl}$$

$$X_0 = R_0 \cdot \sqrt{\frac{1}{(\cos\varphi_{ccmt})^2} - 1}$$



## 9 Trasformatori

### 9.1 Principali caratteristiche elettriche

Per quanto riguarda i trasformatori a due avvolgimenti presenti, dai dati di targa quali:

- potenza nominale,  $P_n$
- perdite di cortocircuito,  $P_{cc}$
- tensione di cortocircuito,  $V_{cc\%}$
- rapporto tra la corrente di inserzione e la corrente nominale,  $I_{lr}/I_{rt}$
- rapporto tra la impedenza alla sequenza omopolare e quella di corto circuito,
- tipo di collegamento,
- tensione nominale del primario,  $V_1$
- tensione nominale del secondario,  $V_{02}$

Si possono ricavare le seguenti caratteristiche elettriche:

- Impedenza di cortocircuito del trasformatore,  $Z_{cct} = \frac{V_{cc}}{100} \cdot \frac{V_{02}}{P_n}$
- resistenza di cortocircuito del trasformatore,  $R_{cct} = \frac{P_{cc}}{1000} \cdot \frac{V_{02}^2}{P_n^2}$
- reattanza di cortocircuito del trasformatore,  $X_{cct} = \sqrt{Z_{cct}^2 - R_{cct}^2}$
- impedenza a vuoto omopolare del trasformatore,  $Z_{vot} = Z_{cct} \cdot \left(\frac{Z_{vot}}{Z_{cct}}\right)$
- il rapporto  $\frac{Z_{vot}}{Z_{cct}}$  assume tipicamente un valore compreso tra 10 e 20

In uscita dal trasformatore valgono le seguenti eguaglianze:

$$Z_d = |Z_{cct}|$$

$$R_d = R_{cct}$$

$$X_d = X_{cct}$$

Infine, i parametri della sequenza omopolare per un trasformatore collegato a stella/triangolo (Dy) sono definiti da:

$$R_{ot} = R_{cct} \cdot \frac{\left(\frac{Z_{vot}}{Z_{cct}}\right)}{1 + \left(\frac{Z_{vot}}{Z_{cct}}\right)}$$

$$X_{ot} = X_{cct} \cdot \frac{\left(\frac{Z_{vot}}{Z_{cct}}\right)}{1 + \left(\frac{Z_{vot}}{Z_{cct}}\right)}$$

$$Z_{ot} = Z_{cct} \cdot \frac{\left(\frac{Z_{vot}}{Z_{cct}}\right)}{1 + \left(\frac{Z_{vot}}{Z_{cct}}\right)}$$

## 9.2 Fattori di correzione

La norma CEI EN 60909-0 fornisce una serie di fattori correttivi per il calcolo delle impedenze di alcune macchine presenti nella rete. In particolare, per il calcolo delle correnti massime di cortocircuito nei trasformatori a due avvolgimenti con o senza regolazione delle spire si introduce il fattore di correzione di impedenza  $K_t$ :

$$Z_{cctK} = K_t \cdot Z_{cct}$$

$$K_t = 0.95 \cdot \frac{c_{max}}{1 + 0.6 \cdot x_t}$$

$$x_t = \frac{X_{cct}}{V_{02}^2/P_n}$$

I valori del coefficiente  $c_{max}$  sono riportati in Tabella 9-1, (norma CEI EN 60909-0) e relativi alla tensione lato bassa del trasformatore.

**Tabella 9-1 - Fattore di tensione c, norma CEI EN 60909-0**

| Nominal voltage<br>$U_n$   | Voltage factor $c$ for the calculation of        |   |
|--|--|---|
|  | maximum short-circuit currents<br>$c_{max}^{1)}$ | minimum short-circuit currents<br>$c_{min}$ |
| <b>Low voltage</b><br>100 V to 1 000 V<br>(IEC 60038, table I)   | 1,05 <sup>2)</sup><br>1,10 <sup>4)</sup>         | 0,95  |
| <b>Medium voltage</b><br>>1 kV to 35 kV<br>(IEC 60038, table III)  | 1,10   | 1,00  |
| <b>High voltage<sup>2)</sup></b><br>>35 kV<br>(IEC 60038, table IV)  |  |   |
| <sup>1)</sup> $c_{max}U_n$ should not exceed the highest voltage $U_n$ for equipment of power systems.<br><sup>2)</sup> If no nominal voltage is defined $c_{max}U_n = U_n$ or $c_{min}U_n = 0,90 \times U_n$ should be applied.<br><sup>3)</sup> For low-voltage systems with a tolerance of +6 %, for example systems renamed from 380 V to 400 V.<br><sup>4)</sup> For low-voltage systems with a tolerance of +10 %. |  |   |

## 10 Calcolo dei guasti

Con il calcolo dei guasti vengono determinate le correnti di cortocircuito minime e massime immediatamente a valle della protezione dell'utenza (inizio linea) e a valle dell'utenza (fondo linea). Le condizioni in cui vengono determinate sono:

- guasto trifase;
- guasto bifase;
- guasto fase terra;
- guasto fase neutro.

### 10.1 Correnti massime di cortocircuito

Il calcolo delle correnti di cortocircuito massime svolto ai sensi della norma CEI EN 60909-0 prevede le seguenti condizioni generali:

- guasti con contributo della fornitura e dei generatori in regime di guasto sub transitorio;
- trifase "vicino" alla sorgente;
- tensione di alimentazione nominale valutata con fattore di tensione Cmax;
- impedenza di guasto minima della rete, calcolata alla temperatura di 20°C.

La resistenza diretta, del conduttore di fase e di quello di protezione, viene riportata a 20 °C, nelle tabelle UNEL 35023-2012 e può essere riferita a 70 o 90 °C a seconda dell'isolante, mediante l'equazione:

$$R_{dc} = \frac{R_c}{1000} \cdot \frac{L_c}{1000} \cdot \left( \frac{1}{1 + (\alpha \cdot \Delta T)} \right)$$

dove  $\Delta T$  è 50 se riferita a 70°C, e  $\alpha = 0.004$  a 20 °C.

Dalle stesse tabelle UNEL 35023-2012 si ricava la reattanza a 50Hz.

Nel caso di condotto a sbarre le componenti della sequenza diretta sono date da:

$$R_{db} = \frac{R_b}{1000} \cdot \frac{L_b}{1000}$$

$$X_{db} = \frac{X_b}{1000} \cdot \frac{L_b}{1000}$$

Nel calcolo dei parametri della sequenza omopolare invece occorre distinguere tra conduttori di neutro e di protezione. Per il conduttore di neutro si ottengono da quelli diretti applicando le seguenti equazioni:

$$R_{0cN} = R_{dc} + 3 \cdot R_{dcN}$$

$$X_{0cN} = 3 \cdot X_{dc}$$

Analogamente per il conduttore di protezione, vale:

$$R_{0cPE} = R_{dc} + 3 \cdot R_{dcPE}$$

$$X_{0cPE} = 3 \cdot X_{dc}$$

Le componenti della sequenza omopolare sono distinte anche nel caso di condotto a sbarre tra conduttore di neutro e conduttore di protezione:

$$R_{0bN} = R_{db} + 3 \cdot R_{dbN}$$

$$X_{0bN} = 3 \cdot X_{db}$$

$$R_{0bPE} = R_{db} + 3 \cdot R_{dbPE}$$

$$X_{0bPE} = X_{db} + 3 \cdot (X_{b\text{-anello di guasto}} - X_{db})$$

Si possono dunque ricavare i valori di impedenza di guasto minima a fine utenza, sommando i parametri calcolati dell'utenza e dell'utenza a monte,

$$R_d = R_{dc} + R_{d\text{ monte}}$$

$$X_d = X_{dc} + X_{d\text{ monte}}$$

$$R_{0N} = R_{0cN} + R_{0N\text{ monte}}$$

$$X_{0N} = X_{0cN} + X_{0N\text{ monte}}$$

$$R_{0PE} = R_{0cPE} + R_{0PE\text{ monte}}$$

$$X_{0PE} = X_{0cPE} + X_{0PE\text{ monte}}$$

e applicando le seguenti relazioni:

Impedenza di guasto trifase

$$Z_{kmin} = \sqrt{R_d^2 + X_d^2}$$

Impedenza di guasto fase-neutro

$$Z_{k1N\text{ min}} = \frac{1}{3} \cdot \sqrt{(2 \cdot R_d + R_{0N})^2 + (2 \cdot X_d + X_{0N})^2}$$

Impedenza di guasto fase-terra

$$Z_{k1PE\text{ min}} = \frac{1}{3} \cdot \sqrt{(2 \cdot R_d + R_{0PE})^2 + (2 \cdot X_d + X_{0PE})^2}$$

In conclusione, è quindi possibile calcolare le correnti di cortocircuito in caso di guasto trifase, fase-neutro, fase-terra e bifase:

$$I_{k\text{ max}} = \frac{V_n}{\sqrt{3} \cdot Z_{k\text{ min}}}$$

$$I_{k1N\text{ max}} = \frac{V_n}{\sqrt{3} \cdot Z_{k1N\text{ min}}}$$

$$I_{k1PE\text{ max}} = \frac{V_n}{\sqrt{3} \cdot Z_{k1PE\text{ min}}}$$

$$I_{k2 \max} = \frac{V_n}{2 \cdot Z_{k \min}}$$

I valori di cresta delle correnti sono ricavati dalle correnti massime di guasto considerando un coefficiente K, pari a 1.18 che tenga conto della massima asimmetria della corrente dopo il primo semiperiodo di guasto.

$$I_p = k \cdot \sqrt{2} \cdot I_{k \max}$$

$$I_{p1N} = k \cdot \sqrt{2} \cdot I_{k1N \max}$$

$$I_{p1PE} = k \cdot \sqrt{2} \cdot I_{k1PE \max}$$

$$I_{p2} = k \cdot \sqrt{2} \cdot I_{k2 \max}$$

## 10.2 Correnti minime di cortocircuito

Analogamente a quanto indicato nel paragrafo precedente il calcolo delle correnti minime di corto circuito è svolto ai sensi delle prescrizioni della norma CEI EN 60909-0.

Il calcolo della resistenza alla sequenza diretta e omopolare deve essere riferito alla temperatura relativa all'isolamento del cavo:

$$R_{d \max} = R_d \cdot (1 + \alpha \cdot \Delta T)$$

$$R_{0N \max} = R_{0N} \cdot (1 + \alpha \cdot \Delta T)$$

$$R_{0PE \max} = R_{0PE} \cdot (1 + \alpha \cdot \Delta T)$$

dove la temperatura dei conduttori è indicata nella norma CEI EN 60909-0 in funzione del tipo di isolante, vedi Tabella 10-1.

**Tabella 10-1 - Temperatura del conduttore a fine guasto ai sensi della norma CEI EN 60909-0**

| Tipo di isolante  | Temperatura alla fine del guasto [°C] |
|-------------------|---------------------------------------|
| PVC               | 160                                   |
| G                 | 200                                   |
| G5/G7/G10/EPR     | 250                                   |
| HEPR              | 250                                   |
| Serie L rivestito | 160                                   |
| Serie L nudo      | 160                                   |
| Serie H rivestito | 160                                   |
| Serie H nudo      | 160                                   |

Definite le resistenze massime, seguendo gli stessi passaggi descritti nel paragrafo precedente, si possono ricavare le impedenze di guasto massime, dalle quali si calcolano le correnti minime di cortocircuito:

$$I_{k \min} = \frac{c_{\min} \cdot V_n}{\sqrt{3} \cdot Z_{k \max}}$$

$$I_{k1N \min} = \frac{c_{\min} \cdot V_n}{\sqrt{3} \cdot Z_{k1N \max}}$$

$$I_{k1PE \min} = \frac{c_{\min} \cdot V_n}{\sqrt{3} \cdot Z_{k1PE \max}}$$

$$I_{k2 \min} = \frac{c_{\min} \cdot V_n}{2 \cdot Z_{k \max}}$$

dove  $c_{\min}$  ha valore pari a 0.95 in accordo con quanto riportato in Tabella 9-1.

## All.1 – Cavi di stringa

Saranno impiegati cavi di stringa tipo H1Z2Z2-K per la connessione della stringa fotovoltaica fino al quadro di campo per il collegamento in parallelo. I cavi sono composti da conduttore in alluminio, isolante e guaina esterna in materiale elastomero reticolato atossico di qualità Z2. Si prevede l'impiego di cavi da 4/6/10 mm<sup>2</sup>.

### H1Z2Z2-K

**CAVI BASSA TENSIONE NON PROPAGANTI LA FIAMMA - ZERO ALOGENI - RESISTENTI AI RAGGI UV**  
LOW VOLTAGE FLAME RETARDANT CABLES - HALOGEN-FREE - UV RESISTANT







| RIFERIMENTO NORMATIVO/STANDARD REFERENCE                                   |                       |
|--|-----------------------|
| Costruzione e requisiti / Construction and specifications                  | CEI EN 50618          |
| Emissione gas corrosivi o alogenidrici / Corrosive or Halogen gas emission | CEI EN 50525-1        |
| Resistenza raggi UV / UV Resistance  | CEI EN 50289-4-17 (A) |
| Resistenza all'ozono / Ozone Resistance                                    | CEI EN 50396          |
| Resistenza alla sollecitazione termica / Thermal stress resistance         | CEI EN 60216-1        |
| Direttiva Bassa Tensione / Low Voltage Directive                           | 2014/35/UE            |
| Direttiva RoHS / RoHS Directive  | 2011/65/UE            |






| REAZIONE AL FUOCO/REACTION TO FIRE   |   |
|--|---|
| REGOLAMENTO/REGULATION 305/2011/UE   |   |
| Norma/Standard   | EN 50575:2014+A1:2016   |
| Classe/Low Voltage Directive   | Cca-s1b,d1,a1   |
| Classificazione/Classification (CEI UNEL 35016)  | EN 13501-6:2019   |
| Prova di non propagazione della fiamma su un singolo conduttore o cavo isolato<br><i>Test for resistance to vertical flame propagation for a single insulated conductor or cable</i> | CEI EN 60332-1-2:2016/A1:2016<br>CEI EN 60332-1-1:2016/A1:2016<br>EN 60332-1-2:2014/A11:2016<br>EN 60332-1-1:2014/A1:2015 |
| Grado di acidità (corrosività) dei gas / Degree of acidity of gases for materials  | CEI EN 60754-2:2015<br>EN 60754-2:2014-04   |
| Densità dei fumi / Smoke density   | CEI EN 61034-2/A1:2014<br>CEI EN 61034-1/A1:2014<br>EN 61034-2/A1:2013/08<br>EN 61034-1/A1:2014-04                        |
| Propagazione della fiamma / Flame retardant  | EN 50399:2016-09  |
| Organismo notificato/Notified body   | L.A.P.I. - 0987   |
| CE   | 2020  |

**CAVI PER APPLICAZIONI IN IMPIANTI FOTOVOLTAICI - zero alogeni  
SOLAR PLANTS CABLES - halogen free**

## H1Z2Z2-K

**CAVI NON PROPAGANTI LA FIAMMA - ZERO ALOGENI - RESISTENTI AI RAGGI UV  
FLAME RETARDANT CABLES - HALOGEN-FREE - UV RESISTANT**

**CARATTERISTICHE FUNZIONALI:**

- Tensione nominale Uo/U: 1/1 kVAc 1,5/1,5 kVcc
- Tensione massima: 1,2 kVAc 1,8 kVcc
- Tensione di prova: 6,5 kVAc 15 kVcc
- Temperatura massima di esercizio: 90°C
- Temperatura minima di posa: -25°C
- Temperatura massima di corto circuito: 250°C
- Raggio minimo di curvatura: 6 volte il diametro esterno massimo

**CARATTERISTICHE PARTICOLARI:**

Per trasporto di energia e trasmissione segnali in ambienti interni o esterni anche bagnati. Funzionamento per almeno 25 anni in normali condizioni d'uso. Funzionamento a lungo termine (Indice di temperatura TI): 120°C riferito a 20.000 ore (CEI EN 60216-1)

**CONDIZIONI DI IMPIEGO:**

Uso previsto in installazioni fotovoltaici es. in conformità all'HD 60364-7-712. Adatti per applicazione su apparecchiature con isolamento di protezione (Classe di protezione II). Intrinsecamente sono a prova di cortocircuito e di dispersioni a terra in conformità all'HD 60364-5-52. Uso previsto in installazioni fotovoltaici es. in conformità all'HD 60364-7-712. Adatti per applicazione su apparecchiature con isolamento di protezione (Classe di protezione II). Intrinsecamente sono a prova di cortocircuito e di dispersioni a terra in conformità all'HD 60364-5-52. Installazioni non previste dalle classi superiori e dove non esiste rischio di incendio e pericolo per persone e/o cose (Rischio basso posa singola).

Adatti per uso permanente all'esterno o all'interno, per installazioni libere mobili, libere a sospensione e fisse. Installazione anche in condotti e su canaline, all'interno o sotto intonaco oltre che nelle apparecchiature.

**FUNCTIONAL CHARACTERISTICS**

- Rated voltage Uo/U: 1/1 kVAc 1,5/1,5 kVdc
- Maximum voltage: 1,2 kVAc 1,8 kVdc
- Testing Voltage: 6,5 kVAc 15 kVdc
- Max working temperature: 90°C
- Minimum installation temperature: -25°C
- Maximum short circuit temperature: 250°C
- Minimum bending radius: 6 x maximum external diameter



**SPECIAL FEATURES**

Power transmission, signal transmission indoor and outdoor, even wet. Suitable for working up to 25 years standard conditins. Long term working (temperature index TI): 120° C referred to 20.000 hours (CEI EN 60216-1)

**USE AND INSTALLATION**

Intended use in photovoltaic installations and. in accordance with HD 60364-7-712. Suitable for application on devices with protective insulation (protection class II). They are inherently short-circuit proof and earth leakage pursuant to HD 60364-5-52. Installations not provided by upper and lower classes where there is no risk of fire or danger to people and / or people things (Low risk installed individually). Suitable for permanent use outdoors or indoors, for mobile free installation, free hanging and fixed. Installation also in conduits and ducts on, inside or under plaster as well as in equipment.

**COSTRUZIONE DEL CAVO / CABLE CONSTRUCTION**

|   |  |  |
|---|--|--|
|  | <p><b>CONDUTTORE</b><br/>Materiale: Rame stagnato ricotto, classe 5<br/>CEI EN 60228 (tabella 9)</p>   | <p><b>CONDUCTOR</b><br/>Material: Annealed tinned copper cl.5<br/>CEI EN 60228 (Table 9)</p>   |
|  | <p><b>ISOLANTE</b><br/>Materiale: Elastomero reticolato atossico di qualità Z2<br/>Colore: naturale<br/>CEI EN 50618</p>   | <p><b>INSULATION</b><br/>Material: Non-toxic crosslinked elastomer quality Z2<br/>Colour: natural<br/>CEI EN 50618</p>                                       |
|  | <p><b>GUAINA ESTERNA</b><br/>Materiale: Elastomero reticolato atossico di qualità Z2<br/>Colore: Nero RAL 9005 - Rosso RAL 3013, blu RAL 5015<br/>CEI EN 50618</p> | <p><b>OUTER SHEATH</b><br/>Material: Non-toxic crosslinked elastomer quality Z2<br/>Colour: black RAL 9005, red RAL 3013, blue RAL 5015<br/>CEI EN 50618</p> |

**Figura 0-1 – Caratteristiche tecniche cavi solari H1Z2Z2-K**

I cavi H1Z2Z2-K ai sensi della CEI EN 50618 sono progettati per funzionare ad una temperatura normale massima del conduttore di 90° C, ma per un massimo di 20 000 ore ad una temperatura max. del conduttore di 120° C e ad una temperatura max. ambiente di 90° C. La tensione nominale in corrente continua (c.c.) è 1,5 kV sia tra i conduttori che tra i conduttori e la terra. Si allega l'elenco dei cavi impiegati per le varie stringhe.



| From                 | To                    | Cable length +, m | Cable length -, m | Total length, m | Rated Voltage, V | Rated Current, A | Line Section, mm <sup>2</sup> | Effective Current Capacity, A | ΔV losses, % |
|----------------------|-----------------------|-------------------|-------------------|-----------------|------------------|------------------|-------------------------------|-------------------------------|--------------|
| DC Combiner TX1-DCB1 | String TX1-DCB1-STR1  | 74,055            | 76,417            | 150,472         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 1,019%       |
|                      | String TX1-DCB1-STR2  | 58,938            | 62,108            | 121,046         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,820%       |
|                      | String TX1-DCB1-STR3  | 74,476            | 75,630            | 150,106         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 1,016%       |
|                      | String TX1-DCB1-STR4  | 1,959             | 3,114             | 5,073           | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,034%       |
|                      | String TX1-DCB1-STR5  | 16,767            | 17,921            | 34,688          | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,235%       |
|                      | String TX1-DCB1-STR6  | 31,095            | 32,249            | 63,344          | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,429%       |
|                      | String TX1-DCB1-STR7  | 53,911            | 56,882            | 110,793         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,750%       |
|                      | String TX1-DCB1-STR8  | 70,133            | 70,883            | 141,016         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,955%       |
|                      | String TX1-DCB1-STR9  | 82,444            | 84,405            | 166,849         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 1,130%       |
|                      | String TX1-DCB1-STR10 | 95,362            | 96,919            | 192,281         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 1,302%       |
|                      | String TX1-DCB1-STR11 | 112,110           | 112,457           | 224,567         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 1,521%       |
|                      | String TX1-DCB1-STR12 | 76,651            | 78,213            | 154,864         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 1,049%       |
|                      | String TX1-DCB1-STR13 | 91,795            | 94,580            | 186,375         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 1,262%       |
|                      | String TX1-DCB1-STR14 | 106,938           | 109,931           | 216,869         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 1,469%       |
|                      | String TX1-DCB1-STR15 | 122,290           | 121,405           | 243,695         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 1,650%       |
|                      | String TX1-DCB1-STR16 | 134,987           | 136,548           | 271,535         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 1,839%       |
| DC Combiner TX1-DCB2 | String TX1-DCB2-STR1  | 124,273           | 125,768           | 250,041         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 1,693%       |
|                      | String TX1-DCB2-STR2  | 1,959             | 3,113             | 5,072           | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,034%       |
|                      | String TX1-DCB2-STR3  | 16,768            | 17,921            | 34,689          | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,235%       |
|                      | String TX1-DCB2-STR4  | 31,095            | 32,249            | 63,344          | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,429%       |
|                      | String TX1-DCB2-STR5  | 45,424            | 46,577            | 92,001          | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,623%       |
|                      | String TX1-DCB2-STR6  | 59,752            | 60,905            | 120,657         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,817%       |
|                      | String TX1-DCB2-STR7  | 74,080            | 75,234            | 149,314         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 1,011%       |
|                      | String TX1-DCB2-STR8  | 88,407            | 89,562            | 177,969         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 1,205%       |
|                      | String TX1-DCB2-STR9  | 42,139            | 43,300            | 85,239          | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,577%       |
|                      | String TX1-DCB2-STR10 | 56,439            | 57,456            | 113,895         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,771%       |
|                      | String TX1-DCB2-STR11 | 70,740            | 71,811            | 142,551         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,965%       |
|                      | String TX1-DCB2-STR12 | 85,013            | 86,104            | 171,117         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 1,159%       |
|                      | String TX1-DCB2-STR13 | 99,031            | 100,212           | 199,243         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 1,349%       |
|                      | String TX1-DCB2-STR14 | 113,551           | 114,568           | 228,119         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 1,545%       |
|                      | String TX1-DCB2-STR15 | 127,852           | 128,923           | 256,775         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 1,739%       |
|                      | String TX1-DCB2-STR16 | 142,125           | 143,279           | 285,404         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 1,933%       |
| DC Combiner TX1-DCB3 | String TX1-DCB3-STR1  | 19,477            | 20,631            | 40,108          | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,272%       |
|                      | String TX1-DCB3-STR2  | 33,805            | 34,959            | 68,764          | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,466%       |
|                      | String TX1-DCB3-STR3  | 48,133            | 49,287            | 97,420          | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,660%       |
|                      | String TX1-DCB3-STR4  | 62,461            | 63,415            | 125,876         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,852%       |
|                      | String TX1-DCB3-STR5  | 76,589            | 77,743            | 154,332         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 1,045%       |
|                      | String TX1-DCB3-STR6  | 90,917            | 92,071            | 182,988         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 1,239%       |
|                      | String TX1-DCB3-STR7  | 105,245           | 106,399           | 211,644         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 1,433%       |
|                      | String TX1-DCB3-STR8  | 119,573           | 120,727           | 240,300         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 1,627%       |
|                      | String TX1-DCB3-STR9  | 17,542            | 16,865            | 34,407          | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,233%       |
|                      | String TX1-DCB3-STR10 | 9,510             | 10,664            | 20,174          | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,137%       |
|                      | String TX1-DCB3-STR11 | 23,838            | 24,992            | 48,830          | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,331%       |
|                      | String TX1-DCB3-STR12 | 38,166            | 39,320            | 77,486          | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,525%       |
|                      | String TX1-DCB3-STR13 | 52,494            | 53,648            | 106,142         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,719%       |
|                      | String TX1-DCB3-STR14 | 66,822            | 67,976            | 134,798         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,913%       |
|                      | String TX1-DCB3-STR15 | 1,960             | 3,114             | 5,074           | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,034%       |
|                      | String TX1-DCB3-STR16 | 16,288            | 17,442            | 33,730          | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,228%       |
| DC Combiner TX1-DCB4 | String TX1-DCB4-STR1  | 90,918            | 92,072            | 182,990         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 1,239%       |
|                      | String TX1-DCB4-STR2  | 105,246           | 106,400           | 211,646         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 1,433%       |
|                      | String TX1-DCB4-STR3  | 119,574           | 120,728           | 240,302         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 1,627%       |
|                      | String TX1-DCB4-STR4  | 9,504             | 10,658            | 20,162          | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,137%       |
|                      | String TX1-DCB4-STR5  | 23,832            | 24,986            | 48,818          | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,331%       |
|                      | String TX1-DCB4-STR6  | 38,160            | 39,314            | 77,474          | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,525%       |
|                      | String TX1-DCB4-STR7  | 52,488            | 53,642            | 106,130         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,719%       |
|                      | String TX1-DCB4-STR8  | 66,816            | 67,970            | 134,786         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,913%       |
|                      | String TX1-DCB4-STR9  | 81,144            | 82,298            | 163,442         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 1,107%       |
|                      | String TX1-DCB4-STR10 | 95,472            | 96,626            | 192,098         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 1,301%       |
|                      | String TX1-DCB4-STR11 | 109,800           | 110,954           | 220,754         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 1,495%       |
|                      | String TX1-DCB4-STR12 | 1,959             | 3,113             | 5,072           | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,034%       |
|                      | String TX1-DCB4-STR13 | 16,287            | 17,442            | 33,729          | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,228%       |
|                      | String TX1-DCB4-STR14 | 30,615            | 31,769            | 62,384          | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,422%       |
|                      | String TX1-DCB4-STR15 | 30,450            | 32,214            | 62,664          | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,424%       |
|                      | String TX1-DCB4-STR16 | 44,981            | 46,339            | 91,320          | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,618%       |
| DC Combiner TX1-DCB5 | String TX1-DCB5-STR1  | 21,529            | 22,683            | 44,212          | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,299%       |
|                      | String TX1-DCB5-STR2  | 35,857            | 37,011            | 72,868          | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,493%       |
|                      | String TX1-DCB5-STR3  | 50,185            | 51,339            | 101,524         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,687%       |
|                      | String TX1-DCB5-STR4  | 64,513            | 65,467            | 129,980         | 1141,000         | 15,18            | H1Z2Z2-K - 2x(1x4)            | 25,5816                       | 0,880%       |

|                      |                       |                      |         |         |          |          |                    |                    |         |        |
|----------------------|-----------------------|----------------------|---------|---------|----------|----------|--------------------|--------------------|---------|--------|
|                      | String TX1-DCB5-STR5  | 78,641               | 79,795  | 158,436 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,073%  |        |
|                      | String TX1-DCB5-STR6  | 92,969               | 94,123  | 187,092 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,267%  |        |
|                      | String TX1-DCB5-STR7  | 107,297              | 108,451 | 215,748 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,461%  |        |
| DC Combiner TX1-DCB5 | String TX1-DCB5-STR8  | 121,625              | 122,779 | 244,404 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,655%  |        |
|                      | String TX1-DCB5-STR9  | 18,978               | 19,929  | 38,907  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,263%  |        |
|                      | String TX1-DCB5-STR10 | 25,410               | 26,564  | 51,974  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,352%  |        |
|                      | String TX1-DCB5-STR11 | 40,218               | 41,372  | 81,590  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,553%  |        |
|                      | String TX1-DCB5-STR12 | 54,546               | 55,700  | 110,246 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,747%  |        |
|                      | String TX1-DCB5-STR13 | 68,874               | 70,028  | 138,902 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,941%  |        |
|                      | String TX1-DCB5-STR14 | 83,202               | 84,356  | 167,558 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,135%  |        |
|                      | String TX1-DCB5-STR15 | 97,530               | 98,684  | 196,214 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,329%  |        |
|                      | String TX1-DCB5-STR16 | 111,858              | 113,012 | 224,870 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,523%  |        |
|                      |                       | String TX1-DCB6-STR1 | 4,009   | 5,163   | 9,172    | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,062% |
|                      |                       | String TX1-DCB6-STR2 | 18,337  | 19,492  | 37,829   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,256% |
|                      |                       | String TX1-DCB6-STR3 | 32,665  | 33,819  | 66,484   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,450% |
|                      |                       | String TX1-DCB6-STR4 | 46,994  | 48,147  | 95,141   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,644% |
|                      |                       | String TX1-DCB6-STR5 | 35,579  | 36,733  | 72,312   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,490% |
|                      |                       | String TX1-DCB6-STR6 | 50,187  | 51,341  | 101,528  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,688% |
|                      |                       | String TX1-DCB6-STR7 | 64,515  | 65,669  | 130,184  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,882% |
|                      | String TX1-DCB6-STR8  | 78,643               | 79,797  | 158,440 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,073%  |        |
| DC Combiner TX1-DCB6 | String TX1-DCB6-STR9  | 92,971               | 94,125  | 187,096 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,267%  |        |
|                      | String TX1-DCB6-STR10 | 107,299              | 108,453 | 215,752 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,461%  |        |
|                      | String TX1-DCB6-STR11 | 121,627              | 122,781 | 244,408 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,655%  |        |
|                      | String TX1-DCB6-STR12 | 19,178               | 19,115  | 38,293  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,259%  |        |
|                      | String TX1-DCB6-STR13 | 32,492               | 33,850  | 66,342  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,449%  |        |
|                      | String TX1-DCB6-STR14 | 47,431               | 48,788  | 96,219  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,652%  |        |
|                      | String TX1-DCB6-STR15 | 61,152               | 63,323  | 124,475 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,843%  |        |
|                      | String TX1-DCB6-STR16 | 76,090               | 76,027  | 152,117 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,030%  |        |
|                      |                       | String TX1-DCB7-STR1 | 9,514   | 10,668  | 20,182   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,137% |
|                      |                       | String TX1-DCB7-STR2 | 23,842  | 24,996  | 48,838   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,331% |
|                      |                       | String TX1-DCB7-STR3 | 38,170  | 39,324  | 77,494   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,525% |
|                      |                       | String TX1-DCB7-STR4 | 52,498  | 53,652  | 106,150  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,719% |
|                      |                       | String TX1-DCB7-STR5 | 66,826  | 67,980  | 134,806  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,913% |
|                      |                       | String TX1-DCB7-STR6 | 81,154  | 82,308  | 163,462  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,107% |
|                      |                       | String TX1-DCB7-STR7 | 95,482  | 96,636  | 192,118  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,301% |
|                      |                       | String TX1-DCB7-STR8 | 109,810 | 110,964 | 220,774  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,495% |
|                      | String TX1-DCB7-STR9  | 1,960                | 3,114   | 5,074   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,034%  |        |
|                      | String TX1-DCB7-STR10 | 16,288               | 17,442  | 33,730  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,228%  |        |
|                      | String TX1-DCB7-STR11 | 30,616               | 31,770  | 62,386  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,422%  |        |
|                      | String TX1-DCB7-STR12 | 44,944               | 46,098  | 91,042  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,617%  |        |
|                      | String TX1-DCB7-STR13 | 59,272               | 60,426  | 119,698 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,811%  |        |
|                      | String TX1-DCB7-STR14 | 73,600               | 74,754  | 148,354 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,005%  |        |
|                      | String TX1-DCB7-STR15 | 87,928               | 89,082  | 177,010 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,201%  |        |
|                      | String TX1-DCB7-STR16 | 102,293              | 103,650 | 205,943 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,395%  |        |
|                      | String TX1-DCB8-STR1  | 9,514                | 10,668  | 20,182  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,137%  |        |
|                      | String TX1-DCB8-STR2  | 23,842               | 24,996  | 48,838  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,331%  |        |
|                      | String TX1-DCB8-STR3  | 38,170               | 39,324  | 77,494  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,525%  |        |
|                      | String TX1-DCB8-STR4  | 52,498               | 53,652  | 106,150 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,719%  |        |
|                      | String TX1-DCB8-STR5  | 66,826               | 67,980  | 134,806 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,913%  |        |
|                      | String TX1-DCB8-STR6  | 81,154               | 82,308  | 163,462 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,107%  |        |
|                      | String TX1-DCB8-STR7  | 95,482               | 96,636  | 192,118 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,301%  |        |
|                      | String TX1-DCB8-STR8  | 109,810              | 110,964 | 220,774 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,495%  |        |
|                      | String TX1-DCB8-STR9  | 1,959                | 3,113   | 5,072   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,034%  |        |
|                      | String TX1-DCB8-STR10 | 16,287               | 17,441  | 33,728  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,228%  |        |
|                      | String TX1-DCB8-STR11 | 30,615               | 31,769  | 62,384  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,422%  |        |
|                      | String TX1-DCB8-STR12 | 44,944               | 46,098  | 91,042  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,617%  |        |
|                      | String TX1-DCB8-STR13 | 59,272               | 60,426  | 119,698 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,811%  |        |
|                      | String TX1-DCB8-STR14 | 73,600               | 74,754  | 148,354 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,005%  |        |
|                      | String TX1-DCB8-STR15 | 87,928               | 89,082  | 177,010 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,201%  |        |
|                      | String TX1-DCB8-STR16 | 102,293              | 103,650 | 205,943 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,395%  |        |
|                      | String TX1-DCB9-STR1  | 9,515                | 10,669  | 20,184  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,137%  |        |
|                      | String TX1-DCB9-STR2  | 23,843               | 24,997  | 48,840  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,331%  |        |
|                      | String TX1-DCB9-STR3  | 38,171               | 39,325  | 77,496  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,525%  |        |
|                      | String TX1-DCB9-STR4  | 52,499               | 53,653  | 106,152 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,719%  |        |
|                      | String TX1-DCB9-STR5  | 66,827               | 67,981  | 134,808 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,913%  |        |
|                      | String TX1-DCB9-STR6  | 81,155               | 82,309  | 163,464 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,107%  |        |
|                      | String TX1-DCB9-STR7  | 95,483               | 96,637  | 192,119 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,301%  |        |
|                      | String TX1-DCB9-STR8  | 109,811              | 110,965 | 220,775 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,495%  |        |
|                      | String TX1-DCB9-STR9  | 1,960                | 3,114   | 5,074   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,034%  |        |
|                      | String TX1-DCB9-STR10 | 16,288               | 17,442  | 33,730  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,228%  |        |
|                      | String TX1-DCB9-STR11 | 30,616               | 31,770  | 62,386  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,422%  |        |
|                      | String TX1-DCB9-STR12 | 44,944               | 46,098  | 91,042  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,617%  |        |
|                      | String TX1-DCB9-STR13 | 59,272               | 60,426  | 119,698 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,811%  |        |
|                      | String TX1-DCB9-STR14 | 73,600               | 74,754  | 148,354 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,005%  |        |
|                      | String TX1-DCB9-STR15 | 87,928               | 89,082  | 177,010 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,201%  |        |
|                      | String TX1-DCB9-STR16 | 102,293              | 103,650 | 205,943 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,395%  |        |
|                      | String TX1-DCB9-STR17 | 116,621              | 117,775 | 234,396 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,589%  |        |
|                      | String TX1-DCB9-STR18 | 130,949              | 132,103 | 263,052 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,783%  |        |
|                      | String TX1-DCB9-STR19 | 145,277              | 146,431 | 291,704 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,977%  |        |
|                      | String TX1-DCB9-STR20 | 159,605              | 160,759 | 320,360 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 2,171%  |        |
|                      | String TX1-DCB9-STR21 | 173,933              | 175,087 | 349,012 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 2,365%  |        |
|                      | String TX1-DCB9-STR22 | 188,261              | 189,415 | 377,664 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 2,559%  |        |
|                      | String TX1-DCB9-STR23 | 202,589              | 203,743 | 406,316 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 2,753%  |        |
|                      | String TX1-DCB9-STR24 | 216,917              | 218,071 | 434,968 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 2,947%  |        |
|                      | String TX1-DCB9-STR25 | 231,245              | 232,399 | 463,620 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 3,141%  |        |
|                      | String TX1-DCB9-STR26 | 245,573              | 246,727 | 492,272 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 3,335%  |        |
|                      | String TX1-DCB9-STR27 | 259,901              | 261,055 | 520,924 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 3,529%  |        |
|                      | String TX1-DCB9-STR28 | 274,229              | 275,383 | 549,576 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 3,723%  |        |
|                      | String TX1-DCB9-STR29 | 288,557              | 289,711 | 578,228 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 3,917%  |        |
|                      | String TX1-DCB9-STR30 | 302,885              | 304,039 | 606,880 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 4,111%  |        |
|                      | String TX1-DCB9-STR31 | 317,213              | 318,367 | 635,532 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 4,305%  |        |
|                      | String TX1-DCB9-STR32 | 331,541              | 332,695 | 664,184 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 4,499%  |        |
|                      | String TX1-DCB9-STR33 | 345,869              | 347,023 | 692,836 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 4,693%  |        |
|                      | String TX1-DCB9-STR34 | 360,197              | 361,351 | 721,488 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 4,887%  |        |
|                      | String TX1-DCB9-STR35 | 374,525              | 375,679 | 750,140 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 5,081%  |        |
|                      | String TX1-DCB9-STR36 | 388,853              | 390,007 | 778,792 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 5,275%  |        |
|                      | String TX1-DCB9-STR37 | 403,181              | 404,335 | 807,444 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 5,469%  |        |
|                      | String TX1-DCB9-STR38 | 417,509              | 418,663 | 836,096 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 5,663%  |        |
|                      | String TX1-DCB9-STR39 | 431,837              | 432,991 | 864,748 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 5,857%  |        |
|                      | String TX1-DCB9-STR40 | 446,165              | 447,319 | 893,400 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 6,051%  |        |
|                      | String TX1-DCB9-STR41 | 460,493              | 461,647 | 922,052 | 1141,000 | 15,18    | H1Z222-K - 2x(1x   |                    |         |        |

|  |                        |         |         |         |          |       |                    |         |        |
|--|------------------------|---------|---------|---------|----------|-------|--------------------|---------|--------|
|  | String TX1-DCB9-STR12  | 87,928  | 89,082  | 177,010 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,199% |
|  | String TX1-DCB9-STR13  | 102,256 | 103,410 | 205,666 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,393% |
|  | String TX1-DCB9-STR14  | 101,886 | 104,057 | 205,943 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,395% |
|  | String TX1-DCB9-STR15  | 116,417 | 118,182 | 234,599 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,589% |
|  | String TX1-DCB9-STR16  | 131,152 | 132,306 | 263,458 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,784% |
|  | String TX1-DCB10-STR1  | 9,516   | 10,670  | 20,186  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,137% |
|  | String TX1-DCB10-STR2  | 23,844  | 24,998  | 48,842  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,331% |
|  | String TX1-DCB10-STR3  | 38,172  | 39,326  | 77,498  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,525% |
|  | String TX1-DCB10-STR4  | 52,500  | 53,654  | 106,154 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,719% |
|  | String TX1-DCB10-STR5  | 66,828  | 67,982  | 134,810 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,913% |
|  | String TX1-DCB10-STR6  | 81,156  | 82,310  | 163,466 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,107% |
|  | String TX1-DCB10-STR7  | 95,484  | 96,638  | 192,122 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,301% |
|  | String TX1-DCB10-STR8  | 109,812 | 110,966 | 220,778 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,495% |
|  | String TX1-DCB10-STR9  | 1,959   | 3,113   | 5,072   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|  | String TX1-DCB10-STR10 | 16,287  | 17,442  | 33,729  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|  | String TX1-DCB10-STR11 | 30,615  | 31,770  | 62,385  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|  | String TX1-DCB10-STR12 | 44,944  | 46,098  | 91,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|  | String TX1-DCB10-STR13 | 59,272  | 60,426  | 119,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|  | String TX1-DCB10-STR14 | 73,600  | 74,753  | 148,353 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|  | String TX1-DCB10-STR15 | 105,252 | 106,406 | 211,658 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,433% |
|  | String TX1-DCB10-STR16 | 119,580 | 120,734 | 240,314 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,627% |
|  | String TX1-DCB11-STR1  | 9,516   | 10,670  | 20,186  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,137% |
|  | String TX1-DCB11-STR2  | 23,844  | 24,998  | 48,842  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,331% |
|  | String TX1-DCB11-STR3  | 38,172  | 39,326  | 77,498  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,525% |
|  | String TX1-DCB11-STR4  | 52,500  | 53,654  | 106,154 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,719% |
|  | String TX1-DCB11-STR5  | 66,828  | 67,982  | 134,810 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,913% |
|  | String TX1-DCB11-STR6  | 81,156  | 82,310  | 163,466 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,107% |
|  | String TX1-DCB11-STR7  | 1,959   | 3,114   | 5,073   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|  | String TX1-DCB11-STR8  | 16,287  | 17,442  | 33,729  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|  | String TX1-DCB11-STR9  | 30,615  | 31,769  | 62,384  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|  | String TX1-DCB11-STR10 | 44,944  | 46,098  | 91,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|  | String TX1-DCB11-STR11 | 59,272  | 60,426  | 119,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|  | String TX1-DCB11-STR12 | 73,600  | 74,754  | 148,354 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|  | String TX1-DCB11-STR13 | 87,927  | 89,082  | 177,009 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,199% |
|  | String TX1-DCB11-STR14 | 102,256 | 103,410 | 205,666 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,393% |
|  | String TX1-DCB11-STR15 | 116,584 | 117,738 | 234,322 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,587% |
|  | String TX1-DCB11-STR16 | 130,912 | 132,066 | 262,978 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,781% |
|  | String TX1-DCB12-STR1  | 1,960   | 3,113   | 5,073   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|  | String TX1-DCB12-STR2  | 16,287  | 17,442  | 33,729  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|  | String TX1-DCB12-STR3  | 30,615  | 31,769  | 62,384  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|  | String TX1-DCB12-STR4  | 44,943  | 46,098  | 91,041  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|  | String TX1-DCB12-STR5  | 59,272  | 60,426  | 119,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|  | String TX1-DCB12-STR6  | 73,600  | 74,753  | 148,353 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|  | String TX1-DCB12-STR7  | 87,927  | 89,082  | 177,009 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,199% |
|  | String TX1-DCB12-STR8  | 102,256 | 103,410 | 205,666 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,393% |
|  | String TX1-DCB12-STR9  | 116,584 | 117,738 | 234,322 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,587% |
|  | String TX1-DCB12-STR10 | 130,912 | 132,066 | 262,978 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,781% |
|  | String TX1-DCB12-STR11 | 145,240 | 146,394 | 291,634 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,975% |
|  | String TX1-DCB12-STR12 | 101,479 | 104,464 | 205,943 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,395% |
|  | String TX1-DCB12-STR13 | 116,010 | 118,589 | 234,599 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,589% |
|  | String TX1-DCB12-STR14 | 130,542 | 132,713 | 263,255 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,783% |
|  | String TX1-DCB12-STR15 | 145,073 | 146,838 | 291,911 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,977% |
|  | String TX1-DCB12-STR16 | 159,605 | 160,962 | 320,567 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,446% |
|  | String TX1-DCB13-STR1  | 149,758 | 150,912 | 300,670 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,356% |
|  | String TX1-DCB13-STR2  | 135,430 | 136,584 | 272,014 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,842% |
|  | String TX1-DCB13-STR3  | 121,102 | 122,256 | 243,358 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,648% |
|  | String TX1-DCB13-STR4  | 106,774 | 107,928 | 214,702 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,454% |
|  | String TX1-DCB13-STR5  | 195,416 | 194,262 | 389,678 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,757% |
|  | String TX2-DCB1-STR1   | 19,685  | 20,839  | 40,524  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,274% |
|  | String TX2-DCB1-STR2   | 34,013  | 35,167  | 69,180  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,468% |
|  | String TX2-DCB1-STR3   | 48,341  | 49,495  | 97,836  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,663% |
|  | String TX2-DCB1-STR4   | 62,669  | 63,823  | 126,292 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,855% |
|  | String TX2-DCB1-STR5   | 76,997  | 77,951  | 154,748 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,048% |
|  | String TX2-DCB1-STR6   | 91,125  | 92,279  | 183,404 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,242% |
|  | String TX2-DCB1-STR7   | 105,453 | 106,607 | 212,060 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,436% |
|  | String TX2-DCB1-STR8   | 119,781 | 120,935 | 240,716 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,630% |
|  | String TX2-DCB1-STR9   | 9,518   | 10,672  | 20,190  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,137% |
|  | String TX2-DCB1-STR10  | 23,846  | 25,000  | 48,846  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,331% |
|  | String TX2-DCB1-STR11  | 38,174  | 39,328  | 77,502  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,525% |
|  | String TX2-DCB1-STR12  | 52,502  | 53,656  | 106,158 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,719% |
|  | String TX2-DCB1-STR13  | 66,830  | 67,984  | 134,814 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,913% |

|                      |                       |         |         |         |          |       |                    |         |        |
|----------------------|-----------------------|---------|---------|---------|----------|-------|--------------------|---------|--------|
|                      | String TX2-DCB1-STR14 | 81,158  | 82,312  | 163,470 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,107% |
|                      | String TX2-DCB1-STR15 | 95,486  | 96,640  | 192,126 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,301% |
|                      | String TX2-DCB1-STR16 | 109,814 | 110,968 | 220,782 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,495% |
| DC Combiner TX2-DCB2 | String TX2-DCB2-STR1  | 18,371  | 19,729  | 38,100  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,258% |
|                      | String TX2-DCB2-STR2  | 33,720  | 33,043  | 66,763  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,452% |
|                      | String TX2-DCB2-STR3  | 47,845  | 47,574  | 95,419  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,646% |
|                      | String TX2-DCB2-STR4  | 61,969  | 62,106  | 124,075 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,840% |
|                      | String TX2-DCB2-STR5  | 76,094  | 76,637  | 152,731 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,034% |
|                      | String TX2-DCB2-STR6  | 90,218  | 91,169  | 181,387 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,228% |
|                      | String TX2-DCB2-STR7  | 11,569  | 12,723  | 24,292  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,165% |
|                      | String TX2-DCB2-STR8  | 25,897  | 27,051  | 52,948  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,359% |
|                      | String TX2-DCB2-STR9  | 40,225  | 41,379  | 81,604  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,553% |
|                      | String TX2-DCB2-STR10 | 54,553  | 55,707  | 110,260 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,747% |
|                      | String TX2-DCB2-STR11 | 4,010   | 5,164   | 9,174   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,062% |
|                      | String TX2-DCB2-STR12 | 18,338  | 19,492  | 37,830  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,256% |
|                      | String TX2-DCB2-STR13 | 32,666  | 33,820  | 66,486  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,450% |
|                      | String TX2-DCB2-STR14 | 46,994  | 48,148  | 95,142  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,644% |
|                      | String TX2-DCB2-STR15 | 61,322  | 62,476  | 123,798 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,838% |
|                      | String TX2-DCB2-STR16 | 75,650  | 76,804  | 152,454 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,032% |
| DC Combiner TX2-DCB3 | String TX2-DCB3-STR1  | 81,182  | 83,746  | 164,928 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,117% |
|                      | String TX2-DCB3-STR2  | 95,667  | 97,917  | 193,584 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,311% |
|                      | String TX2-DCB3-STR3  | 110,152 | 112,089 | 222,241 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,505% |
|                      | String TX2-DCB3-STR4  | 124,636 | 126,260 | 250,896 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,699% |
|                      | String TX2-DCB3-STR5  | 9,519   | 10,673  | 20,192  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,137% |
|                      | String TX2-DCB3-STR6  | 23,847  | 25,001  | 48,848  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,331% |
|                      | String TX2-DCB3-STR7  | 38,175  | 39,329  | 77,504  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,525% |
|                      | String TX2-DCB3-STR8  | 52,503  | 53,657  | 106,160 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,719% |
|                      | String TX2-DCB3-STR9  | 66,831  | 67,985  | 134,816 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,913% |
|                      | String TX2-DCB3-STR10 | 81,159  | 82,313  | 163,472 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,107% |
|                      | String TX2-DCB3-STR11 | 95,487  | 96,641  | 192,128 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,301% |
|                      | String TX2-DCB3-STR12 | 109,815 | 110,969 | 220,784 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,495% |
|                      | String TX2-DCB3-STR13 | 1,959   | 3,113   | 5,072   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                      | String TX2-DCB3-STR14 | 16,287  | 17,442  | 33,729  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|                      | String TX2-DCB3-STR15 | 30,615  | 31,769  | 62,384  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|                      | String TX2-DCB3-STR16 | 44,943  | 46,098  | 91,041  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
| DC Combiner TX2-DCB4 | String TX2-DCB4-STR1  | 91,810  | 92,964  | 184,774 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,251% |
|                      | String TX2-DCB4-STR2  | 38,171  | 39,325  | 77,496  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,525% |
|                      | String TX2-DCB4-STR3  | 52,499  | 53,653  | 106,152 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,719% |
|                      | String TX2-DCB4-STR4  | 66,827  | 67,981  | 134,808 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,913% |
|                      | String TX2-DCB4-STR5  | 81,155  | 82,309  | 163,464 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,107% |
|                      | String TX2-DCB4-STR6  | 95,483  | 96,637  | 192,120 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,301% |
|                      | String TX2-DCB4-STR7  | 109,811 | 110,965 | 220,776 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,495% |
|                      | String TX2-DCB4-STR8  | 1,960   | 3,114   | 5,074   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                      | String TX2-DCB4-STR9  | 16,288  | 17,442  | 33,730  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|                      | String TX2-DCB4-STR10 | 30,615  | 31,770  | 62,385  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|                      | String TX2-DCB4-STR11 | 44,944  | 46,098  | 91,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|                      | String TX2-DCB4-STR12 | 59,272  | 60,426  | 119,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|                      | String TX2-DCB4-STR13 | 73,600  | 74,754  | 148,354 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|                      | String TX2-DCB4-STR14 | 82,418  | 84,140  | 166,558 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,128% |
|                      | String TX2-DCB4-STR15 | 96,743  | 98,158  | 194,901 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,320% |
|                      | String TX2-DCB4-STR16 | 111,069 | 112,220 | 223,289 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,512% |
| DC Combiner TX2-DCB5 | String TX2-DCB5-STR1  | 22,316  | 22,972  | 45,288  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,307% |
|                      | String TX2-DCB5-STR2  | 36,943  | 36,601  | 73,544  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,498% |
|                      | String TX2-DCB5-STR3  | 50,274  | 51,594  | 101,868 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,690% |
|                      | String TX2-DCB5-STR4  | 18,411  | 18,734  | 37,145  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,252% |
|                      | String TX2-DCB5-STR5  | 32,406  | 33,394  | 65,800  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,446% |
|                      | String TX2-DCB5-STR6  | 47,033  | 47,190  | 94,223  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,638% |
|                      | String TX2-DCB5-STR7  | 61,327  | 60,985  | 122,312 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,828% |
|                      | String TX2-DCB5-STR8  | 75,489  | 75,480  | 150,969 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,022% |
|                      | String TX2-DCB5-STR9  | 89,651  | 89,974  | 179,625 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,216% |
|                      | String TX2-DCB5-STR10 | 103,812 | 104,468 | 208,280 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,410% |
|                      | String TX2-DCB5-STR11 | 117,974 | 118,962 | 236,936 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,604% |
|                      | String TX2-DCB5-STR12 | 44,944  | 46,098  | 91,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|                      | String TX2-DCB5-STR13 | 59,272  | 60,426  | 119,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|                      | String TX2-DCB5-STR14 | 73,599  | 74,754  | 148,353 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|                      | String TX2-DCB5-STR15 | 87,927  | 89,082  | 177,009 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,199% |
|                      | String TX2-DCB5-STR16 | 102,256 | 103,410 | 205,666 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,393% |
| DC Combiner TX2-DCB6 | String TX2-DCB6-STR1  | 19,884  | 20,838  | 40,722  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,276% |
|                      | String TX2-DCB6-STR2  | 34,012  | 35,166  | 69,178  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,468% |
|                      | String TX2-DCB6-STR3  | 48,140  | 49,294  | 97,434  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,660% |
|                      | String TX2-DCB6-STR4  | 62,468  | 63,622  | 126,090 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,854% |

|                       |                        |                       |         |         |          |          |                    |                    |         |        |
|-----------------------|------------------------|-----------------------|---------|---------|----------|----------|--------------------|--------------------|---------|--------|
|                       | String TX2-DCB6-STR5   | 76,796                | 77,950  | 154,746 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,048%  |        |
|                       | String TX2-DCB6-STR6   | 91,124                | 92,278  | 183,402 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,242%  |        |
|                       | String TX2-DCB6-STR7   | 17,317                | 18,887  | 36,204  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,245%  |        |
| DC Combiner TX2-DCB6  | String TX2-DCB6-STR8   | 30,821                | 32,391  | 63,212  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,428%  |        |
|                       | String TX2-DCB6-STR9   | 46,821                | 46,103  | 92,924  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,629%  |        |
|                       | String TX2-DCB6-STR10  | 9,494                 | 10,648  | 20,142  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,136%  |        |
|                       | String TX2-DCB6-STR11  | 23,822                | 24,976  | 48,798  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,330%  |        |
|                       | String TX2-DCB6-STR12  | 38,150                | 39,304  | 77,454  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,525%  |        |
|                       | String TX2-DCB6-STR13  | 52,478                | 53,632  | 106,110 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,719%  |        |
|                       | String TX2-DCB6-STR14  | 66,806                | 67,960  | 134,766 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,913%  |        |
|                       | String TX2-DCB6-STR15  | 81,134                | 82,288  | 163,422 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,107%  |        |
|                       | String TX2-DCB6-STR16  | 1,959                 | 3,113   | 5,072   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,034%  |        |
|                       |                        | String TX2-DCB7-STR1  | 32,654  | 32,354  | 65,008   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,440% |
|                       |                        | String TX2-DCB7-STR2  | 45,735  | 47,097  | 92,832   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,629% |
|                       |                        | String TX2-DCB7-STR3  | 61,110  | 60,394  | 121,504  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,823% |
|                       |                        | String TX2-DCB7-STR4  | 75,230  | 74,930  | 150,160  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,017% |
|                       |                        | String TX2-DCB7-STR5  | 89,351  | 89,466  | 178,817  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,211% |
|                       |                        | String TX2-DCB7-STR6  | 103,471 | 104,001 | 207,472  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,405% |
|                       |                        | String TX2-DCB7-STR7  | 117,591 | 118,537 | 236,128  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,599% |
|                       | String TX2-DCB7-STR8   | 9,498                 | 10,652  | 20,150  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,136%  |        |
| DC Combiner TX2-DCB7  | String TX2-DCB7-STR9   | 1,959                 | 3,114   | 5,073   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,034%  |        |
|                       | String TX2-DCB7-STR10  | 16,288                | 17,442  | 33,730  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,228%  |        |
|                       | String TX2-DCB7-STR11  | 30,616                | 31,770  | 62,386  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,422%  |        |
|                       | String TX2-DCB7-STR12  | 44,944                | 46,098  | 91,042  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,617%  |        |
|                       | String TX2-DCB7-STR13  | 59,272                | 60,426  | 119,698 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,811%  |        |
|                       | String TX2-DCB7-STR14  | 73,600                | 74,754  | 148,354 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,005%  |        |
|                       | String TX2-DCB7-STR15  | 87,928                | 89,082  | 177,010 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,199%  |        |
|                       | String TX2-DCB7-STR16  | 102,256               | 103,410 | 205,666 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,393%  |        |
|                       |                        | String TX2-DCB8-STR1  | 35,162  | 38,185  | 73,347   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,497% |
|                       |                        | String TX2-DCB8-STR2  | 49,698  | 52,305  | 102,003  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,691% |
|                       |                        | String TX2-DCB8-STR3  | 64,233  | 66,426  | 130,659  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,885% |
|                       |                        | String TX2-DCB8-STR4  | 78,769  | 80,546  | 159,315  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,079% |
|                       |                        | String TX2-DCB8-STR5  | 93,305  | 94,666  | 187,971  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,273% |
|                       |                        | String TX2-DCB8-STR6  | 1,959   | 3,114   | 5,073    | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                       |                        | String TX2-DCB8-STR7  | 16,288  | 17,442  | 33,730   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|                       | DC Combiner TX2-DCB8   | String TX2-DCB8-STR8  | 30,616  | 31,770  | 62,386   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
| String TX2-DCB8-STR9  |                        | 44,944                | 46,097  | 91,041  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,617%  |        |
| String TX2-DCB8-STR10 |                        | 59,272                | 60,426  | 119,698 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,811%  |        |
| String TX2-DCB8-STR11 |                        | 73,600                | 74,754  | 148,354 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,005%  |        |
| String TX2-DCB8-STR12 |                        | 14,420                | 15,574  | 29,994  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,203%  |        |
| String TX2-DCB8-STR13 |                        | 28,748                | 29,902  | 58,650  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,397%  |        |
| String TX2-DCB8-STR14 |                        | 43,076                | 44,230  | 87,306  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,591%  |        |
| String TX2-DCB8-STR15 |                        | 57,404                | 58,558  | 115,962 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,785%  |        |
| String TX2-DCB8-STR16 |                        | 71,732                | 72,886  | 144,618 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,979%  |        |
|                       |                        | String TX2-DCB9-STR1  | 96,028  | 97,182  | 193,210  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,308% |
|                       |                        | String TX2-DCB9-STR2  | 110,356 | 111,510 | 221,866  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,502% |
|                       |                        | String TX2-DCB9-STR3  | 124,684 | 125,838 | 250,522  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,696% |
|                       |                        | String TX2-DCB9-STR4  | 1,960   | 3,114   | 5,074    | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                       |                        | String TX2-DCB9-STR5  | 16,288  | 17,441  | 33,729   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|                       |                        | String TX2-DCB9-STR6  | 30,616  | 31,770  | 62,386   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|                       |                        | String TX2-DCB9-STR7  | 44,944  | 46,098  | 91,042   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|                       | String TX2-DCB9-STR8   | 59,272                | 60,426  | 119,698 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,811%  |        |
| DC Combiner TX2-DCB9  | String TX2-DCB9-STR9   | 18,843                | 19,997  | 38,840  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,263%  |        |
|                       | String TX2-DCB9-STR10  | 33,171                | 34,325  | 67,496  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,457%  |        |
|                       | String TX2-DCB9-STR11  | 47,499                | 48,653  | 96,152  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,651%  |        |
|                       | String TX2-DCB9-STR12  | 61,827                | 62,981  | 124,808 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,845%  |        |
|                       | String TX2-DCB9-STR13  | 76,155                | 77,309  | 153,464 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,039%  |        |
|                       | String TX2-DCB9-STR14  | 90,483                | 91,637  | 182,120 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,233%  |        |
|                       | String TX2-DCB9-STR15  | 104,811               | 105,965 | 210,776 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,427%  |        |
|                       | String TX2-DCB9-STR16  | 119,139               | 120,293 | 239,432 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,621%  |        |
|                       |                        | String TX2-DCB10-STR1 | 91,106  | 92,260  | 183,366  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,242% |
|                       |                        | String TX2-DCB10-STR2 | 9,499   | 10,653  | 20,152   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,136% |
|                       |                        | String TX2-DCB10-STR3 | 23,827  | 24,981  | 48,808   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,331% |
|                       |                        | String TX2-DCB10-STR4 | 38,155  | 39,309  | 77,464   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,525% |
|                       |                        | String TX2-DCB10-STR5 | 52,483  | 53,637  | 106,120  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,719% |
|                       |                        | String TX2-DCB10-STR6 | 66,811  | 67,965  | 134,776  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,913% |
|                       |                        | String TX2-DCB10-STR7 | 81,139  | 82,293  | 163,432  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,107% |
|                       |                        | String TX2-DCB10-STR8 | 1,960   | 3,114   | 5,074    | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
| DC Combiner TX2-DCB10 | String TX2-DCB10-STR9  | 16,287                | 17,441  | 33,729  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,228%  |        |
|                       | String TX2-DCB10-STR10 | 30,615                | 31,770  | 62,385  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,422%  |        |
|                       | String TX2-DCB10-STR11 | 44,944                | 46,098  | 91,042  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,617%  |        |

|  |                        |         |         |         |          |       |                    |         |        |
|--|------------------------|---------|---------|---------|----------|-------|--------------------|---------|--------|
|  | String TX2-DCB10-STR12 | 59,272  | 60,426  | 119,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|  | String TX2-DCB10-STR13 | 73,600  | 74,754  | 148,354 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|  | String TX2-DCB10-STR14 | 87,928  | 89,082  | 177,010 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,199% |
|  | String TX2-DCB10-STR15 | 102,256 | 103,410 | 205,666 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,393% |
|  | String TX2-DCB10-STR16 | 117,562 | 118,716 | 236,278 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,600% |
|  | String TX2-DCB11-STR1  | 9,500   | 10,654  | 20,154  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,136% |
|  | String TX2-DCB11-STR2  | 23,828  | 24,982  | 48,810  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,331% |
|  | String TX2-DCB11-STR3  | 38,156  | 39,310  | 77,466  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,525% |
|  | String TX2-DCB11-STR4  | 52,484  | 53,638  | 106,122 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,719% |
|  | String TX2-DCB11-STR5  | 66,812  | 67,966  | 134,778 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,913% |
|  | String TX2-DCB11-STR6  | 81,140  | 82,294  | 163,434 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,107% |
|  | String TX2-DCB11-STR7  | 1,960   | 3,113   | 5,073   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|  | String TX2-DCB11-STR8  | 16,287  | 17,442  | 33,729  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|  | String TX2-DCB11-STR9  | 30,615  | 31,770  | 62,385  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|  | String TX2-DCB11-STR10 | 44,944  | 46,098  | 91,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|  | String TX2-DCB11-STR11 | 59,272  | 60,426  | 119,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|  | String TX2-DCB11-STR12 | 73,600  | 74,754  | 148,354 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|  | String TX2-DCB11-STR13 | 87,928  | 89,082  | 177,010 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,199% |
|  | String TX2-DCB11-STR14 | 62,451  | 63,605  | 126,056 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,854% |
|  | String TX2-DCB11-STR15 | 76,779  | 77,933  | 154,712 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,048% |
|  | String TX2-DCB11-STR16 | 91,107  | 92,261  | 183,368 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,242% |
|  | String TX2-DCB12-STR1  | 9,500   | 10,654  | 20,154  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,136% |
|  | String TX2-DCB12-STR2  | 23,828  | 24,982  | 48,810  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,331% |
|  | String TX2-DCB12-STR3  | 38,156  | 39,310  | 77,466  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,525% |
|  | String TX2-DCB12-STR4  | 1,960   | 3,113   | 5,073   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|  | String TX2-DCB12-STR5  | 16,287  | 17,442  | 33,729  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|  | String TX2-DCB12-STR6  | 30,615  | 31,769  | 62,384  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|  | String TX2-DCB12-STR7  | 44,944  | 46,098  | 91,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|  | String TX2-DCB12-STR8  | 59,272  | 60,426  | 119,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|  | String TX2-DCB12-STR9  | 73,600  | 74,754  | 148,354 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|  | String TX2-DCB12-STR10 | 87,928  | 89,082  | 177,010 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,199% |
|  | String TX2-DCB12-STR11 | 102,256 | 103,410 | 205,666 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,393% |
|  | String TX2-DCB12-STR12 | 116,584 | 117,738 | 234,322 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,587% |
|  | String TX2-DCB12-STR13 | 87,868  | 89,229  | 177,097 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,199% |
|  | String TX2-DCB12-STR14 | 102,611 | 104,803 | 207,414 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,405% |
|  | String TX2-DCB12-STR15 | 117,146 | 118,923 | 236,069 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,599% |
|  | String TX2-DCB12-STR16 | 131,682 | 133,044 | 264,726 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,793% |
|  | String TX2-DCB13-STR1  | 9,501   | 10,655  | 20,156  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,136% |
|  | String TX2-DCB13-STR2  | 23,829  | 24,983  | 48,812  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,331% |
|  | String TX2-DCB13-STR3  | 38,157  | 39,311  | 77,468  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,525% |
|  | String TX2-DCB13-STR4  | 52,485  | 53,639  | 106,124 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,719% |
|  | String TX2-DCB13-STR5  | 66,813  | 67,967  | 134,780 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,913% |
|  | String TX2-DCB13-STR6  | 81,141  | 82,295  | 163,436 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,107% |
|  | String TX2-DCB13-STR7  | 1,960   | 3,113   | 5,073   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|  | String TX2-DCB13-STR8  | 16,287  | 17,442  | 33,729  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|  | String TX2-DCB13-STR9  | 30,616  | 31,770  | 62,386  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|  | String TX2-DCB13-STR10 | 44,944  | 46,098  | 91,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|  | String TX2-DCB13-STR11 | 59,272  | 60,426  | 119,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|  | String TX2-DCB13-STR12 | 33,996  | 35,150  | 69,146  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,468% |
|  | String TX2-DCB13-STR13 | 48,124  | 49,278  | 97,402  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,660% |
|  | String TX2-DCB13-STR14 | 62,452  | 63,606  | 126,058 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,854% |
|  | String TX2-DCB13-STR15 | 76,780  | 77,934  | 154,714 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,048% |
|  | String TX2-DCB13-STR16 | 91,108  | 92,262  | 183,370 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,242% |
|  | String TX2-DCB14-STR1  | 9,501   | 10,655  | 20,156  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,136% |
|  | String TX2-DCB14-STR2  | 1,960   | 3,114   | 5,074   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|  | String TX2-DCB14-STR3  | 16,287  | 17,442  | 33,729  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|  | String TX2-DCB14-STR4  | 30,615  | 31,770  | 62,385  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|  | String TX2-DCB14-STR5  | 44,944  | 46,098  | 91,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|  | String TX2-DCB14-STR6  | 59,272  | 60,426  | 119,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|  | String TX2-DCB14-STR7  | 73,600  | 74,754  | 148,354 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|  | String TX2-DCB14-STR8  | 87,928  | 89,082  | 177,010 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,199% |
|  | String TX2-DCB14-STR9  | 102,256 | 103,410 | 205,666 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,393% |
|  | String TX2-DCB14-STR10 | 116,584 | 117,738 | 234,322 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,587% |
|  | String TX2-DCB14-STR11 | 60,865  | 61,189  | 122,054 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,827% |
|  | String TX2-DCB14-STR12 | 74,570  | 75,932  | 150,502 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,019% |
|  | String TX2-DCB14-STR13 | 87,868  | 89,229  | 177,097 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,199% |
|  | String TX2-DCB14-STR14 | 102,611 | 104,803 | 207,414 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,405% |
|  | String TX2-DCB14-STR15 | 117,147 | 118,924 | 236,071 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,599% |
|  | String TX2-DCB14-STR16 | 131,890 | 133,044 | 264,934 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,794% |
|  | String TX2-DCB15-STR1  | 9,502   | 10,656  | 20,158  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,137% |
|  | String TX2-DCB15-STR2  | 23,830  | 24,984  | 48,814  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,331% |

|                        |                        |                       |         |         |          |          |                    |                    |         |        |
|------------------------|------------------------|-----------------------|---------|---------|----------|----------|--------------------|--------------------|---------|--------|
| DC Combiner TX2-DCB15  | String TX2-DCB15-STR3  | 38,158                | 39,312  | 77,470  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,525%  |        |
|                        | String TX2-DCB15-STR4  | 52,486                | 53,640  | 106,126 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,719%  |        |
|                        | String TX2-DCB15-STR5  | 66,814                | 67,968  | 134,782 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,913%  |        |
|                        | String TX2-DCB15-STR6  | 81,142                | 82,296  | 163,438 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,107%  |        |
|                        | String TX2-DCB15-STR7  | 1,959                 | 3,113   | 5,072   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,034%  |        |
|                        | String TX2-DCB15-STR8  | 16,287                | 17,441  | 33,728  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,228%  |        |
|                        | String TX2-DCB15-STR9  | 30,615                | 31,769  | 62,384  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,422%  |        |
|                        | String TX2-DCB15-STR10 | 19,669                | 20,823  | 40,492  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,274%  |        |
|                        | String TX2-DCB15-STR11 | 33,797                | 34,951  | 68,748  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,466%  |        |
|                        | String TX2-DCB15-STR12 | 16,843                | 19,035  | 35,878  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,243%  |        |
|                        | String TX2-DCB15-STR13 | 31,586                | 32,948  | 64,534  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,437%  |        |
|                        | String TX2-DCB15-STR14 | 45,299                | 47,491  | 92,790  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,628%  |        |
|                        | String TX2-DCB15-STR15 | 59,834                | 61,611  | 121,445 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,822%  |        |
|                        | String TX2-DCB15-STR16 | 74,370                | 75,732  | 150,102 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,016%  |        |
|                        | DC Combiner TX2-DCB16  | String TX2-DCB16-STR1 | 88,906  | 89,027  | 177,933  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,205% |
|                        |                        | String TX2-DCB16-STR2 | 102,409 | 104,814 | 207,223  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,403% |
| String TX2-DCB16-STR3  |                        | 116,945               | 118,933 | 235,878 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,597%  |        |
| String TX2-DCB16-STR4  |                        | 131,482               | 132,844 | 264,326 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,790%  |        |
| String TX2-DCB16-STR5  |                        | 14,143                | 15,297  | 29,440  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,199%  |        |
| String TX2-DCB16-STR6  |                        | 1,959                 | 3,113   | 5,072   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,034%  |        |
| String TX2-DCB16-STR7  |                        | 16,287                | 17,442  | 33,729  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,228%  |        |
| String TX2-DCB16-STR8  |                        | 30,615                | 31,769  | 62,384  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,422%  |        |
| String TX2-DCB16-STR9  |                        | 44,944                | 46,098  | 91,042  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,617%  |        |
| String TX2-DCB16-STR10 |                        | 59,272                | 60,426  | 119,698 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,811%  |        |
| String TX2-DCB16-STR11 |                        | 73,600                | 74,754  | 148,354 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,005%  |        |
| String TX2-DCB16-STR12 |                        | 87,927                | 89,082  | 177,009 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,199%  |        |
| String TX2-DCB16-STR13 |                        | 102,256               | 103,410 | 205,666 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,393%  |        |
| String TX2-DCB16-STR14 |                        | 116,584               | 117,738 | 234,322 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,587%  |        |
| String TX2-DCB16-STR15 |                        | 130,912               | 132,066 | 262,978 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,781%  |        |
| String TX2-DCB16-STR16 |                        | 145,240               | 146,394 | 291,634 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,975%  |        |
| DC Combiner TX2-DCB17  | String TX2-DCB17-STR1  | 101,160               | 98,599  | 199,759 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,353%  |        |
|                        | String TX2-DCB17-STR2  | 115,287               | 113,128 | 228,415 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,547%  |        |
|                        | String TX2-DCB17-STR3  | 129,414               | 127,657 | 257,071 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,741%  |        |
|                        | String TX2-DCB17-STR4  | 143,541               | 142,387 | 285,928 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,936%  |        |
|                        | String TX2-DCB17-STR5  | 132,510               | 133,607 | 266,117 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,802%  |        |
|                        | String TX2-DCB17-STR6  | 118,239               | 119,222 | 237,461 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,608%  |        |
|                        | String TX2-DCB17-STR7  | 44,943                | 46,098  | 91,041  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,617%  |        |
|                        | String TX2-DCB17-STR8  | 30,615                | 31,770  | 62,385  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,422%  |        |
|                        | String TX2-DCB17-STR9  | 16,287                | 17,442  | 33,729  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,228%  |        |
|                        | String TX2-DCB17-STR10 | 1,959                 | 3,113   | 5,072   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,034%  |        |
|                        | String TX2-DCB17-STR11 | 101,975               | 102,081 | 204,056 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,382%  |        |
| DC Combiner TX3-DCB1   | String TX3-DCB1-STR1   | 38,703                | 38,422  | 77,125  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,522%  |        |
|                        | String TX3-DCB1-STR2   | 23,565                | 24,719  | 48,284  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,327%  |        |
|                        | String TX3-DCB1-STR3   | 16,932                | 17,476  | 34,408  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,233%  |        |
|                        | String TX3-DCB1-STR4   | 31,467                | 31,197  | 62,664  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,424%  |        |
|                        | String TX3-DCB1-STR5   | 45,592                | 45,728  | 91,320  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,618%  |        |
|                        | String TX3-DCB1-STR6   | 59,716                | 60,260  | 119,976 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,812%  |        |
|                        | String TX3-DCB1-STR7   | 73,637                | 74,791  | 148,428 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,005%  |        |
|                        | String TX3-DCB1-STR8   | 12,712                | 13,866  | 26,578  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,180%  |        |
|                        | String TX3-DCB1-STR9   | 1,959                 | 3,113   | 5,072   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,034%  |        |
|                        | String TX3-DCB1-STR10  | 16,287                | 17,442  | 33,729  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,228%  |        |
|                        | String TX3-DCB1-STR11  | 30,615                | 31,769  | 62,384  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,422%  |        |
|                        | String TX3-DCB1-STR12  | 44,944                | 46,097  | 91,041  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,617%  |        |
|                        | String TX3-DCB1-STR13  | 59,272                | 60,426  | 119,698 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,811%  |        |
|                        | String TX3-DCB1-STR14  | 73,600                | 74,754  | 148,354 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,005%  |        |
|                        | String TX3-DCB1-STR15  | 132,611               | 133,765 | 266,376 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,804%  |        |
|                        | String TX3-DCB1-STR16  | 146,939               | 148,093 | 295,032 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,998%  |        |
| DC Combiner TX3-DCB2   | String TX3-DCB2-STR1   | 23,505                | 24,659  | 48,164  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,326%  |        |
|                        | String TX3-DCB2-STR2   | 89,148                | 90,302  | 179,450 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,215%  |        |
|                        | String TX3-DCB2-STR3   | 103,956               | 105,110 | 209,066 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,416%  |        |
|                        | String TX3-DCB2-STR4   | 118,284               | 119,438 | 237,722 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,610%  |        |
|                        | String TX3-DCB2-STR5   | 16,726                | 18,697  | 35,423  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,240%  |        |
|                        | String TX3-DCB2-STR6   | 30,243                | 32,618  | 62,861  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,426%  |        |
|                        | String TX3-DCB2-STR7   | 44,775                | 46,743  | 91,518  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,620%  |        |
|                        | String TX3-DCB2-STR8   | 59,306                | 60,867  | 120,173 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,814%  |        |
|                        | String TX3-DCB2-STR9   | 73,838                | 75,809  | 149,647 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,013%  |        |
|                        | String TX3-DCB2-STR10  | 87,152                | 89,730  | 176,882 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,198%  |        |
|                        | String TX3-DCB2-STR11  | 1,959                 | 3,113   | 5,072   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,034%  |        |
|                        | String TX3-DCB2-STR12  | 16,287                | 17,442  | 33,729  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,228%  |        |
|                        | String TX3-DCB2-STR13  | 30,615                | 31,769  | 62,384  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,422%  |        |
|                        | String TX3-DCB2-STR14  | 44,944                | 46,098  | 91,042  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,617%  |        |

|                      |                       |         |         |         |          |       |                    |         |        |
|----------------------|-----------------------|---------|---------|---------|----------|-------|--------------------|---------|--------|
|                      | String TX3-DCB2-STR15 | 59,272  | 60,426  | 119,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|                      | String TX3-DCB2-STR16 | 73,600  | 74,754  | 148,354 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|                      | String TX3-DCB3-STR1  | 18,366  | 19,520  | 37,886  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,257% |
|                      | String TX3-DCB3-STR2  | 32,494  | 33,648  | 66,142  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,448% |
|                      | String TX3-DCB3-STR3  | 46,822  | 47,976  | 94,798  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,642% |
|                      | String TX3-DCB3-STR4  | 61,150  | 62,304  | 123,454 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,836% |
|                      | String TX3-DCB3-STR5  | 75,478  | 76,632  | 152,110 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,030% |
|                      | String TX3-DCB3-STR6  | 89,806  | 90,960  | 180,766 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,224% |
|                      | String TX3-DCB3-STR7  | 103,934 | 105,088 | 209,022 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,415% |
| DC Combiner TX3-DCB3 | String TX3-DCB3-STR8  | 118,262 | 119,416 | 237,678 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,610% |
|                      | String TX3-DCB3-STR9  | 132,590 | 133,744 | 266,334 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,804% |
|                      | String TX3-DCB3-STR10 | 146,918 | 148,072 | 294,990 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,998% |
|                      | String TX3-DCB3-STR11 | 65,490  | 66,644  | 132,134 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,895% |
|                      | String TX3-DCB3-STR12 | 79,818  | 80,972  | 160,790 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,089% |
|                      | String TX3-DCB3-STR13 | 94,146  | 95,300  | 189,446 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,283% |
|                      | String TX3-DCB3-STR14 | 108,474 | 109,628 | 218,102 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,477% |
|                      | String TX3-DCB3-STR15 | 122,802 | 123,956 | 246,758 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,671% |
|                      | String TX3-DCB3-STR16 | 137,130 | 138,284 | 275,414 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,865% |
|                      | String TX3-DCB4-STR1  | 18,346  | 19,300  | 37,646  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,255% |
|                      | String TX3-DCB4-STR2  | 32,474  | 33,628  | 66,102  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,448% |
|                      | String TX3-DCB4-STR3  | 46,802  | 47,956  | 94,758  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,642% |
|                      | String TX3-DCB4-STR4  | 60,930  | 62,084  | 123,014 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,833% |
|                      | String TX3-DCB4-STR5  | 16,522  | 18,083  | 34,605  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,234% |
|                      | String TX3-DCB4-STR6  | 30,039  | 32,821  | 62,860  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,426% |
|                      | String TX3-DCB4-STR7  | 44,774  | 46,742  | 91,516  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,620% |
|                      | String TX3-DCB4-STR8  | 58,495  | 61,277  | 119,772 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|                      | String TX3-DCB4-STR9  | 74,044  | 74,588  | 148,632 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,007% |
|                      | String TX3-DCB4-STR10 | 88,169  | 89,119  | 177,288 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,201% |
|                      | String TX3-DCB4-STR11 | 1,960   | 3,114   | 5,074   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                      | String TX3-DCB4-STR12 | 16,288  | 17,442  | 33,730  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|                      | String TX3-DCB4-STR13 | 30,616  | 31,770  | 62,386  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|                      | String TX3-DCB4-STR14 | 44,944  | 46,098  | 91,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|                      | String TX3-DCB4-STR15 | 59,272  | 60,426  | 119,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|                      | String TX3-DCB4-STR16 | 73,600  | 74,754  | 148,354 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|                      | String TX3-DCB5-STR1  | 18,325  | 19,479  | 37,804  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,256% |
|                      | String TX3-DCB5-STR2  | 32,653  | 33,807  | 66,460  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,450% |
|                      | String TX3-DCB5-STR3  | 46,781  | 47,935  | 94,716  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,641% |
|                      | String TX3-DCB5-STR4  | 61,109  | 62,263  | 123,372 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,835% |
|                      | String TX3-DCB5-STR5  | 75,437  | 76,591  | 152,028 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,030% |
|                      | String TX3-DCB5-STR6  | 89,765  | 90,919  | 180,684 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,224% |
|                      | String TX3-DCB5-STR7  | 103,893 | 105,047 | 208,940 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,415% |
|                      | String TX3-DCB5-STR8  | 118,221 | 119,375 | 237,596 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,609% |
|                      | String TX3-DCB5-STR9  | 132,549 | 133,703 | 266,252 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,803% |
|                      | String TX3-DCB5-STR10 | 146,877 | 148,031 | 294,908 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,997% |
|                      | String TX3-DCB5-STR11 | 65,449  | 66,603  | 132,052 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,894% |
|                      | String TX3-DCB5-STR12 | 79,777  | 80,931  | 160,708 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,088% |
|                      | String TX3-DCB5-STR13 | 94,105  | 95,259  | 189,364 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,282% |
|                      | String TX3-DCB5-STR14 | 108,433 | 109,587 | 218,020 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,476% |
|                      | String TX3-DCB5-STR15 | 122,761 | 123,915 | 246,676 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,670% |
|                      | String TX3-DCB5-STR16 | 137,089 | 138,243 | 275,332 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,864% |
|                      | String TX3-DCB6-STR1  | 18,305  | 19,459  | 37,764  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,256% |
|                      | String TX3-DCB6-STR2  | 32,433  | 33,587  | 66,020  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,447% |
|                      | String TX3-DCB6-STR3  | 46,761  | 47,915  | 94,676  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,641% |
|                      | String TX3-DCB6-STR4  | 60,889  | 62,043  | 122,932 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,832% |
|                      | String TX3-DCB6-STR5  | 16,318  | 18,286  | 34,604  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,234% |
|                      | String TX3-DCB6-STR6  | 31,053  | 33,025  | 64,078  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,434% |
|                      | String TX3-DCB6-STR7  | 44,774  | 46,742  | 91,516  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,620% |
|                      | String TX3-DCB6-STR8  | 58,495  | 61,277  | 119,772 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|                      | String TX3-DCB6-STR9  | 74,044  | 74,588  | 148,632 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,007% |
|                      | String TX3-DCB6-STR10 | 88,169  | 89,119  | 177,288 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,201% |
|                      | String TX3-DCB6-STR11 | 1,959   | 3,113   | 5,072   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                      | String TX3-DCB6-STR12 | 16,287  | 17,441  | 33,729  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|                      | String TX3-DCB6-STR13 | 30,615  | 31,769  | 62,384  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|                      | String TX3-DCB6-STR14 | 44,943  | 46,097  | 91,041  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|                      | String TX3-DCB6-STR15 | 59,271  | 60,425  | 119,697 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|                      | String TX3-DCB6-STR16 | 73,600  | 74,754  | 148,354 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|                      | String TX3-DCB7-STR1  | 18,304  | 19,458  | 37,762  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,256% |
|                      | String TX3-DCB7-STR2  | 32,632  | 33,786  | 66,418  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,450% |
|                      | String TX3-DCB7-STR3  | 46,960  | 48,114  | 95,074  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,644% |
|                      | String TX3-DCB7-STR4  | 61,088  | 62,242  | 123,330 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,835% |
|                      | String TX3-DCB7-STR5  | 75,416  | 76,570  | 151,986 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,029% |



|                       |                        |                       |         |         |          |          |                    |                    |         |        |
|-----------------------|------------------------|-----------------------|---------|---------|----------|----------|--------------------|--------------------|---------|--------|
|                       | String TX3-DCB7-STR6   | 89,744                | 90,898  | 180,642 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,223%  |        |
|                       | String TX3-DCB7-STR7   | 103,872               | 105,026 | 208,898 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,415%  |        |
| DC Combiner TX3-DCB7  | String TX3-DCB7-STR8   | 118,200               | 119,354 | 237,554 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,609%  |        |
|                       | String TX3-DCB7-STR9   | 132,528               | 133,682 | 266,210 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,803%  |        |
|                       | String TX3-DCB7-STR10  | 146,856               | 148,010 | 294,866 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,997%  |        |
|                       | String TX3-DCB7-STR11  | 65,448                | 66,602  | 132,050 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,894%  |        |
|                       | String TX3-DCB7-STR12  | 79,776                | 80,930  | 160,706 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,088%  |        |
|                       | String TX3-DCB7-STR13  | 94,104                | 95,258  | 189,362 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,282%  |        |
|                       | String TX3-DCB7-STR14  | 108,432               | 109,586 | 218,018 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,476%  |        |
|                       | String TX3-DCB7-STR15  | 122,760               | 123,914 | 246,674 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,670%  |        |
|                       | String TX3-DCB7-STR16  | 137,088               | 138,242 | 275,330 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,864%  |        |
|                       |                        | String TX3-DCB8-STR1  | 18,304  | 19,458  | 37,762   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,256% |
|                       |                        | String TX3-DCB8-STR2  | 32,432  | 33,586  | 66,018   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,447% |
|                       |                        | String TX3-DCB8-STR3  | 46,760  | 47,914  | 94,674   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,641% |
|                       |                        | String TX3-DCB8-STR4  | 60,888  | 62,042  | 122,930  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,832% |
|                       |                        | String TX3-DCB8-STR5  | 16,115  | 18,490  | 34,605   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,234% |
|                       |                        | String TX3-DCB8-STR6  | 31,257  | 32,207  | 63,464   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,430% |
|                       |                        | String TX3-DCB8-STR7  | 44,774  | 46,742  | 91,516   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,620% |
| DC Combiner TX3-DCB8  | String TX3-DCB8-STR8   | 58,495                | 61,277  | 119,772 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,811%  |        |
|                       | String TX3-DCB8-STR9   | 74,044                | 74,588  | 148,632 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,007%  |        |
|                       | String TX3-DCB8-STR10  | 88,169                | 89,119  | 177,288 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,201%  |        |
|                       | String TX3-DCB8-STR11  | 1,960                 | 3,114   | 5,074   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,034%  |        |
|                       | String TX3-DCB8-STR12  | 16,288                | 17,442  | 33,730  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,228%  |        |
|                       | String TX3-DCB8-STR13  | 30,616                | 31,770  | 62,386  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,422%  |        |
|                       | String TX3-DCB8-STR14  | 44,944                | 46,098  | 91,042  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,617%  |        |
|                       | String TX3-DCB8-STR15  | 59,272                | 60,426  | 119,698 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,811%  |        |
|                       | String TX3-DCB8-STR16  | 73,600                | 74,754  | 148,354 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,005%  |        |
|                       |                        | String TX3-DCB9-STR1  | 18,303  | 19,457  | 37,760   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,256% |
|                       |                        | String TX3-DCB9-STR2  | 32,631  | 33,785  | 66,416   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,450% |
|                       |                        | String TX3-DCB9-STR3  | 46,959  | 48,113  | 95,072   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,644% |
|                       |                        | String TX3-DCB9-STR4  | 61,087  | 62,241  | 123,328  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,835% |
|                       |                        | String TX3-DCB9-STR5  | 75,415  | 76,569  | 151,984  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,029% |
|                       |                        | String TX3-DCB9-STR6  | 89,743  | 90,897  | 180,640  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,223% |
|                       |                        | String TX3-DCB9-STR7  | 103,871 | 105,025 | 208,896  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,415% |
| DC Combiner TX3-DCB9  | String TX3-DCB9-STR8   | 118,199               | 119,353 | 237,552 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,609%  |        |
|                       | String TX3-DCB9-STR9   | 132,527               | 133,681 | 266,208 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,803%  |        |
|                       | String TX3-DCB9-STR10  | 146,855               | 148,009 | 294,864 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,997%  |        |
|                       | String TX3-DCB9-STR11  | 65,447                | 66,601  | 132,048 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,894%  |        |
|                       | String TX3-DCB9-STR12  | 79,775                | 80,929  | 160,704 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,088%  |        |
|                       | String TX3-DCB9-STR13  | 94,103                | 95,257  | 189,360 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,282%  |        |
|                       | String TX3-DCB9-STR14  | 108,431               | 109,585 | 218,016 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,476%  |        |
|                       | String TX3-DCB9-STR15  | 122,759               | 123,913 | 246,672 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,670%  |        |
|                       | String TX3-DCB9-STR16  | 137,087               | 138,241 | 275,328 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,864%  |        |
|                       |                        | String TX3-DCB10-STR1 | 34,208  | 35,162  | 69,370   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,470% |
|                       |                        | String TX3-DCB10-STR2 | 48,816  | 49,970  | 98,786   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,669% |
|                       |                        | String TX3-DCB10-STR3 | 62,944  | 64,098  | 127,042  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,860% |
|                       |                        | String TX3-DCB10-STR4 | 17,969  | 20,751  | 38,720   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,262% |
|                       |                        | String TX3-DCB10-STR5 | 32,704  | 33,251  | 65,955   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,447% |
|                       |                        | String TX3-DCB10-STR6 | 46,832  | 48,800  | 95,632   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,648% |
|                       |                        | String TX3-DCB10-STR7 | 60,553  | 63,335  | 123,888  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,839% |
|                       | String TX3-DCB10-STR8  | 76,102                | 76,646  | 152,748 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,034%  |        |
|                       | String TX3-DCB10-STR9  | 90,227                | 91,177  | 181,404 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,228%  |        |
|                       | String TX3-DCB10-STR10 | 24,040                | 25,194  | 49,234  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,333%  |        |
|                       | String TX3-DCB10-STR11 | 4,009                 | 5,163   | 9,172   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,062%  |        |
|                       | String TX3-DCB10-STR12 | 18,337                | 19,492  | 37,829  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,256%  |        |
|                       | String TX3-DCB10-STR13 | 32,665                | 33,819  | 66,484  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,450%  |        |
|                       | String TX3-DCB10-STR14 | 46,993                | 48,148  | 95,141  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,644%  |        |
|                       | String TX3-DCB10-STR15 | 61,321                | 62,476  | 123,797 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,838%  |        |
|                       | String TX3-DCB10-STR16 | 75,650                | 76,804  | 152,454 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,032%  |        |
|                       | String TX3-DCB11-STR1  | 38,848                | 40,002  | 78,850  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,534%  |        |
|                       | String TX3-DCB11-STR2  | 53,176                | 54,330  | 107,506 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,728%  |        |
|                       | String TX3-DCB11-STR3  | 67,504                | 68,658  | 136,162 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,922%  |        |
|                       | String TX3-DCB11-STR4  | 81,832                | 82,986  | 164,818 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,116%  |        |
|                       | String TX3-DCB11-STR5  | 96,160                | 97,314  | 193,474 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,310%  |        |
|                       | String TX3-DCB11-STR6  | 110,488               | 111,642 | 222,130 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,504%  |        |
|                       | String TX3-DCB11-STR7  | 124,816               | 125,970 | 250,786 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,698%  |        |
|                       | String TX3-DCB11-STR8  | 139,144               | 140,298 | 279,442 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,892%  |        |
| DC Combiner TX3-DCB11 | String TX3-DCB11-STR9  | 48,815                | 49,969  | 98,784  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,669%  |        |
|                       | String TX3-DCB11-STR10 | 63,143                | 64,297  | 127,440 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,863%  |        |
|                       | String TX3-DCB11-STR11 | 77,471                | 78,625  | 156,096 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,057%  |        |
|                       | String TX3-DCB11-STR12 | 91,799                | 92,953  | 184,752 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,248%  |        |

|                       |                        |         |         |         |          |       |                    |         |        |
|-----------------------|------------------------|---------|---------|---------|----------|-------|--------------------|---------|--------|
|                       | String TX3-DCB11-STR13 | 105,927 | 107,081 | 213,008 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,442% |
|                       | String TX3-DCB11-STR14 | 120,255 | 121,409 | 241,664 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,636% |
|                       | String TX3-DCB11-STR15 | 134,583 | 135,737 | 270,320 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,831% |
|                       | String TX3-DCB11-STR16 | 148,911 | 150,065 | 298,976 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,348% |
|                       | String TX3-DCB12-STR1  | 8,133   | 9,287   | 17,420  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,118% |
|                       | String TX3-DCB12-STR2  | 22,461  | 23,615  | 46,076  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,312% |
|                       | String TX3-DCB12-STR3  | 1,960   | 3,114   | 5,074   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                       | String TX3-DCB12-STR4  | 16,288  | 17,442  | 33,730  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|                       | String TX3-DCB12-STR5  | 30,616  | 31,770  | 62,386  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|                       | String TX3-DCB12-STR6  | 44,944  | 46,098  | 91,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|                       | String TX3-DCB12-STR7  | 59,272  | 60,426  | 119,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
| DC Combiner TX3-DCB12 | String TX3-DCB12-STR8  | 73,600  | 74,754  | 148,354 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|                       | String TX3-DCB12-STR9  | 18,100  | 19,254  | 37,354  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,253% |
|                       | String TX3-DCB12-STR10 | 32,228  | 33,382  | 65,610  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,444% |
|                       | String TX3-DCB12-STR11 | 15,915  | 17,272  | 33,187  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,225% |
|                       | String TX3-DCB12-STR12 | 30,853  | 32,211  | 63,064  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,427% |
|                       | String TX3-DCB12-STR13 | 44,371  | 46,949  | 91,320  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,618% |
|                       | String TX3-DCB12-STR14 | 58,902  | 61,074  | 119,976 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,812% |
|                       | String TX3-DCB12-STR15 | 73,434  | 75,198  | 148,632 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,007% |
|                       | String TX3-DCB12-STR16 | 87,965  | 89,323  | 177,288 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,201% |
|                       | String TX3-DCB13-STR1  | 36,788  | 37,942  | 74,730  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,506% |
|                       | String TX3-DCB13-STR2  | 51,116  | 52,270  | 103,386 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,700% |
|                       | String TX3-DCB13-STR3  | 65,444  | 66,598  | 132,042 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,894% |
|                       | String TX3-DCB13-STR4  | 79,772  | 80,926  | 160,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,088% |
|                       | String TX3-DCB13-STR5  | 94,100  | 95,254  | 189,354 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,282% |
|                       | String TX3-DCB13-STR6  | 108,428 | 109,582 | 218,010 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,476% |
|                       | String TX3-DCB13-STR7  | 122,756 | 123,910 | 246,664 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,670% |
|                       | String TX3-DCB13-STR8  | 137,083 | 138,238 | 275,320 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,864% |
| DC Combiner TX3-DCB13 | String TX3-DCB13-STR9  | 46,756  | 47,910  | 94,666  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,641% |
|                       | String TX3-DCB13-STR10 | 61,084  | 62,238  | 123,322 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,835% |
|                       | String TX3-DCB13-STR11 | 75,412  | 76,566  | 151,978 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,029% |
|                       | String TX3-DCB13-STR12 | 89,540  | 90,694  | 180,234 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,221% |
|                       | String TX3-DCB13-STR13 | 103,868 | 105,022 | 208,890 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,415% |
|                       | String TX3-DCB13-STR14 | 118,196 | 119,350 | 237,546 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,609% |
|                       | String TX3-DCB13-STR15 | 132,524 | 133,678 | 266,202 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,803% |
|                       | String TX3-DCB13-STR16 | 146,852 | 148,006 | 294,858 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,997% |
|                       | String TX3-DCB14-STR1  | 8,132   | 9,286   | 17,418  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,118% |
|                       | String TX3-DCB14-STR2  | 22,460  | 23,614  | 46,074  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,312% |
|                       | String TX3-DCB14-STR3  | 1,960   | 3,114   | 5,074   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                       | String TX3-DCB14-STR4  | 16,288  | 17,442  | 33,730  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|                       | String TX3-DCB14-STR5  | 30,616  | 31,770  | 62,386  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|                       | String TX3-DCB14-STR6  | 44,944  | 46,098  | 91,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|                       | String TX3-DCB14-STR7  | 59,272  | 60,426  | 119,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
| DC Combiner TX3-DCB14 | String TX3-DCB14-STR8  | 73,600  | 74,754  | 148,354 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|                       | String TX3-DCB14-STR9  | 18,099  | 19,253  | 37,352  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,253% |
|                       | String TX3-DCB14-STR10 | 32,227  | 33,381  | 65,608  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,444% |
|                       | String TX3-DCB14-STR11 | 15,915  | 17,272  | 33,187  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,225% |
|                       | String TX3-DCB14-STR12 | 30,853  | 32,211  | 63,064  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,427% |
|                       | String TX3-DCB14-STR13 | 44,371  | 46,949  | 91,320  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,618% |
|                       | String TX3-DCB14-STR14 | 58,902  | 61,074  | 119,976 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,812% |
|                       | String TX3-DCB14-STR15 | 73,434  | 75,198  | 148,632 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,007% |
|                       | String TX3-DCB14-STR16 | 87,965  | 89,323  | 177,288 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,201% |
|                       | String TX3-DCB15-STR1  | 36,787  | 37,941  | 74,728  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,506% |
|                       | String TX3-DCB15-STR2  | 51,115  | 52,269  | 103,384 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,700% |
|                       | String TX3-DCB15-STR3  | 65,443  | 66,597  | 132,040 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,894% |
|                       | String TX3-DCB15-STR4  | 79,771  | 80,925  | 160,696 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,088% |
|                       | String TX3-DCB15-STR5  | 94,099  | 95,253  | 189,352 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,282% |
|                       | String TX3-DCB15-STR6  | 108,427 | 109,581 | 218,008 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,476% |
|                       | String TX3-DCB15-STR7  | 122,755 | 123,909 | 246,664 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,670% |
|                       | String TX3-DCB15-STR8  | 137,083 | 138,237 | 275,320 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,864% |
|                       | String TX3-DCB15-STR9  | 46,754  | 47,908  | 94,662  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,641% |
| DC Combiner TX3-DCB15 | String TX3-DCB15-STR10 | 61,082  | 62,236  | 123,318 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,835% |
|                       | String TX3-DCB15-STR11 | 75,410  | 76,564  | 151,974 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,029% |
|                       | String TX3-DCB15-STR12 | 89,538  | 90,692  | 180,230 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,220% |
|                       | String TX3-DCB15-STR13 | 103,866 | 105,020 | 208,886 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,415% |
|                       | String TX3-DCB15-STR14 | 118,194 | 119,348 | 237,542 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,609% |
|                       | String TX3-DCB15-STR15 | 132,522 | 133,676 | 266,198 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,803% |
|                       | String TX3-DCB15-STR16 | 146,850 | 148,004 | 294,854 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,997% |
|                       | String TX3-DCB16-STR1  | 8,130   | 9,284   | 17,414  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,118% |
|                       | String TX3-DCB16-STR2  | 22,458  | 23,612  | 46,070  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,312% |
|                       | String TX3-DCB16-STR3  | 1,960   | 3,113   | 5,073   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |

|                        |                        |                       |         |         |          |          |                    |                    |         |        |
|------------------------|------------------------|-----------------------|---------|---------|----------|----------|--------------------|--------------------|---------|--------|
| DC Combiner TX3-DCB16  | String TX3-DCB16-STR4  | 16,287                | 17,441  | 33,728  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,228%  |        |
|                        | String TX3-DCB16-STR5  | 30,615                | 31,769  | 62,384  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,422%  |        |
|                        | String TX3-DCB16-STR6  | 44,944                | 46,097  | 91,041  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,617%  |        |
|                        | String TX3-DCB16-STR7  | 59,272                | 60,426  | 119,698 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,811%  |        |
|                        | String TX3-DCB16-STR8  | 73,600                | 74,754  | 148,354 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,005%  |        |
|                        | String TX3-DCB16-STR9  | 18,098                | 19,252  | 37,350  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,253%  |        |
|                        | String TX3-DCB16-STR10 | 32,226                | 33,380  | 65,606  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,444%  |        |
|                        | String TX3-DCB16-STR11 | 17,339                | 17,272  | 34,611  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,234%  |        |
|                        | String TX3-DCB16-STR12 | 30,853                | 32,211  | 63,064  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,427%  |        |
|                        | String TX3-DCB16-STR13 | 44,371                | 46,949  | 91,320  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,618%  |        |
|                        | String TX3-DCB16-STR14 | 58,902                | 61,074  | 119,976 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,812%  |        |
|                        | String TX3-DCB16-STR15 | 73,434                | 75,198  | 148,632 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,007%  |        |
|                        | String TX3-DCB16-STR16 | 87,965                | 89,323  | 177,288 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,201%  |        |
|                        | DC Combiner TX3-DCB17  | String TX3-DCB17-STR1 | 36,786  | 37,940  | 74,726   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,506% |
|                        |                        | String TX3-DCB17-STR2 | 51,114  | 52,268  | 103,382  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,700% |
|                        |                        | String TX3-DCB17-STR3 | 65,442  | 66,596  | 132,038  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,894% |
| String TX3-DCB17-STR4  |                        | 79,770                | 80,924  | 160,694 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,088%  |        |
| String TX3-DCB17-STR5  |                        | 94,098                | 95,252  | 189,350 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,282%  |        |
| String TX3-DCB17-STR6  |                        | 108,426               | 109,580 | 218,006 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,476%  |        |
| String TX3-DCB17-STR7  |                        | 122,754               | 123,908 | 246,662 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,670%  |        |
| String TX3-DCB17-STR8  |                        | 137,082               | 138,236 | 275,318 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,864%  |        |
| String TX3-DCB17-STR9  |                        | 59,309                | 60,667  | 119,976 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,812%  |        |
| String TX3-DCB17-STR10 |                        | 44,778                | 46,542  | 91,320  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,618%  |        |
| String TX3-DCB17-STR11 |                        | 30,246                | 32,418  | 62,664  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,424%  |        |
| String TX3-DCB17-STR12 |                        | 15,715                | 18,293  | 34,008  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,230%  |        |
| DC Combiner TX4-DCB1   |                        | String TX4-DCB1-STR1  | 18,384  | 19,538  | 37,922   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,257% |
|                        |                        | String TX4-DCB1-STR2  | 32,712  | 33,866  | 66,578   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,451% |
|                        |                        | String TX4-DCB1-STR3  | 46,840  | 47,994  | 94,834   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,642% |
|                        |                        | String TX4-DCB1-STR4  | 61,168  | 62,322  | 123,490  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,836% |
|                        | String TX4-DCB1-STR5   | 75,496                | 76,650  | 152,146 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,030%  |        |
|                        | String TX4-DCB1-STR6   | 89,624                | 90,778  | 180,402 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,222%  |        |
|                        | String TX4-DCB1-STR7   | 103,952               | 105,106 | 209,058 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,416%  |        |
|                        | String TX4-DCB1-STR8   | 118,280               | 119,434 | 237,714 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,610%  |        |
|                        | String TX4-DCB1-STR9   | 132,608               | 133,762 | 266,370 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,804%  |        |
|                        | String TX4-DCB1-STR10  | 146,936               | 148,090 | 295,026 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,998%  |        |
|                        | String TX4-DCB1-STR11  | 74,448                | 74,584  | 149,032 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,009%  |        |
|                        | String TX4-DCB1-STR12  | 88,369                | 89,319  | 177,688 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,203%  |        |
|                        | String TX4-DCB1-STR13  | 97,140                | 98,294  | 195,434 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,323%  |        |
|                        | String TX4-DCB1-STR14  | 111,468               | 112,622 | 224,090 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,517%  |        |
|                        | String TX4-DCB1-STR15  | 125,796               | 126,950 | 252,746 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,712%  |        |
|                        | String TX4-DCB1-STR16  | 140,124               | 141,278 | 281,402 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,906%  |        |
| DC Combiner TX4-DCB2   | String TX4-DCB2-STR1   | 21,340                | 22,494  | 43,834  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,297%  |        |
|                        | String TX4-DCB2-STR2   | 35,468                | 36,622  | 72,090  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,488%  |        |
|                        | String TX4-DCB2-STR3   | 49,796                | 50,950  | 100,746 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,682%  |        |
|                        | String TX4-DCB2-STR4   | 63,924                | 65,078  | 129,002 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,874%  |        |
|                        | String TX4-DCB2-STR5   | 78,252                | 79,406  | 157,658 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,068%  |        |
|                        | String TX4-DCB2-STR6   | 92,580                | 93,734  | 186,314 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,262%  |        |
|                        | String TX4-DCB2-STR7   | 16,318                | 18,286  | 34,604  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,234%  |        |
|                        | String TX4-DCB2-STR8   | 31,871                | 31,193  | 63,064  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,427%  |        |
|                        | String TX4-DCB2-STR9   | 45,792                | 45,928  | 91,720  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,621%  |        |
|                        | String TX4-DCB2-STR10  | 59,713                | 60,663  | 120,376 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,815%  |        |
|                        | String TX4-DCB2-STR11  | 74,451                | 74,181  | 148,632 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,007%  |        |
|                        | String TX4-DCB2-STR12  | 88,372                | 88,916  | 177,288 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,201%  |        |
|                        | String TX4-DCB2-STR13  | 30,615                | 31,770  | 62,385  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,422%  |        |
|                        | String TX4-DCB2-STR14  | 44,944                | 46,097  | 91,041  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,617%  |        |
|                        | String TX4-DCB2-STR15  | 59,272                | 60,426  | 119,698 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,811%  |        |
|                        | String TX4-DCB2-STR16  | 73,600                | 74,754  | 148,354 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,005%  |        |
| DC Combiner TX4-DCB3   | String TX4-DCB3-STR1   | 26,717                | 27,871  | 54,588  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,370%  |        |
|                        | String TX4-DCB3-STR2   | 40,845                | 41,999  | 82,844  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,561%  |        |
|                        | String TX4-DCB3-STR3   | 55,173                | 56,327  | 111,500 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,755%  |        |
|                        | String TX4-DCB3-STR4   | 69,501                | 70,655  | 140,156 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,949%  |        |
|                        | String TX4-DCB3-STR5   | 83,829                | 84,983  | 168,812 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,143%  |        |
|                        | String TX4-DCB3-STR6   | 97,957                | 99,111  | 197,068 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,335%  |        |
|                        | String TX4-DCB3-STR7   | 112,285               | 113,439 | 225,724 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,529%  |        |
|                        | String TX4-DCB3-STR8   | 126,613               | 127,767 | 254,380 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,723%  |        |
|                        | String TX4-DCB3-STR9   | 140,941               | 142,095 | 283,036 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,917%  |        |
|                        | String TX4-DCB3-STR10  | 155,269               | 156,423 | 311,692 | 1141,000 | 15,18    | H1Z222-K - 2x(1x6) | 33,1398            | 1,406%  |        |
|                        | String TX4-DCB3-STR11  | 17,336                | 17,472  | 34,808  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,236%  |        |
|                        | String TX4-DCB3-STR12  | 31,871                | 31,193  | 63,064  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,427%  |        |
|                        | String TX4-DCB3-STR13  | 107,895               | 109,049 | 216,944 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,469%  |        |
|                        | String TX4-DCB3-STR14  | 122,223               | 123,377 | 245,600 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,663%  |        |

|  |                       |         |         |         |          |       |                    |         |        |
|--|-----------------------|---------|---------|---------|----------|-------|--------------------|---------|--------|
|  | String TX4-DCB3-STR15 | 136,551 | 137,705 | 274,256 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,857% |
|  | String TX4-DCB3-STR16 | 150,879 | 152,033 | 302,912 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,366% |
|  | String TX4-DCB4-STR1  | 17,286  | 18,440  | 35,726  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,242% |
|  | String TX4-DCB4-STR2  | 32,094  | 33,048  | 65,142  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,441% |
|  | String TX4-DCB4-STR3  | 46,222  | 47,376  | 93,598  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,634% |
|  | String TX4-DCB4-STR4  | 60,550  | 61,704  | 122,254 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,828% |
|  | String TX4-DCB4-STR5  | 74,678  | 75,832  | 150,510 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,019% |
|  | String TX4-DCB4-STR6  | 89,006  | 90,160  | 179,166 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,213% |
|  | String TX4-DCB4-STR7  | 103,334 | 104,488 | 207,822 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,407% |
|  | String TX4-DCB4-STR8  | 15,911  | 18,490  | 34,401  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,233% |
|  | String TX4-DCB4-STR9  | 30,850  | 33,025  | 63,875  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,433% |
|  | String TX4-DCB4-STR10 | 45,995  | 46,946  | 92,941  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,629% |
|  | String TX4-DCB4-STR11 | 59,916  | 60,867  | 120,783 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,818% |
|  | String TX4-DCB4-STR12 | 74,655  | 75,605  | 150,260 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,018% |
|  | String TX4-DCB4-STR13 | 88,576  | 89,526  | 178,102 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,206% |
|  | String TX4-DCB4-STR14 | 44,944  | 46,098  | 91,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|  | String TX4-DCB4-STR15 | 59,272  | 60,426  | 119,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|  | String TX4-DCB4-STR16 | 73,600  | 74,754  | 148,354 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|  | String TX4-DCB5-STR1  | 28,650  | 28,551  | 57,201  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,387% |
|  | String TX4-DCB5-STR2  | 42,988  | 43,829  | 86,817  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,588% |
|  | String TX4-DCB5-STR3  | 56,333  | 58,583  | 114,916 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,778% |
|  | String TX4-DCB5-STR4  | 70,818  | 72,755  | 143,573 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,972% |
|  | String TX4-DCB5-STR5  | 85,302  | 86,926  | 172,228 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,166% |
|  | String TX4-DCB5-STR6  | 99,787  | 101,097 | 200,884 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,360% |
|  | String TX4-DCB5-STR7  | 113,288 | 115,852 | 229,140 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,552% |
|  | String TX4-DCB5-STR8  | 127,773 | 130,023 | 257,796 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,746% |
|  | String TX4-DCB5-STR9  | 142,258 | 144,195 | 286,453 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,940% |
|  | String TX4-DCB5-STR10 | 156,742 | 158,366 | 315,108 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,421% |
|  | String TX4-DCB5-STR11 | 171,383 | 172,537 | 343,920 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,551% |
|  | String TX4-DCB5-STR12 | 22,332  | 23,439  | 45,771  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,310% |
|  | String TX4-DCB5-STR13 | 36,554  | 37,473  | 74,027  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,501% |
|  | String TX4-DCB5-STR14 | 50,775  | 51,507  | 102,282 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,693% |
|  | String TX4-DCB5-STR15 | 147,296 | 148,450 | 295,746 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,334% |
|  | String TX4-DCB5-STR16 | 161,624 | 162,778 | 324,402 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,463% |
|  | String TX4-DCB6-STR1  | 38,842  | 39,996  | 78,838  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,534% |
|  | String TX4-DCB6-STR2  | 53,650  | 54,804  | 108,454 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,734% |
|  | String TX4-DCB6-STR3  | 67,978  | 69,132  | 137,110 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,928% |
|  | String TX4-DCB6-STR4  | 82,306  | 83,460  | 165,766 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,123% |
|  | String TX4-DCB6-STR5  | 96,634  | 97,788  | 194,422 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,317% |
|  | String TX4-DCB6-STR6  | 110,962 | 112,116 | 223,078 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,511% |
|  | String TX4-DCB6-STR7  | 125,290 | 126,444 | 251,734 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,705% |
|  | String TX4-DCB6-STR8  | 139,618 | 140,772 | 280,390 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,899% |
|  | String TX4-DCB6-STR9  | 153,946 | 155,100 | 309,046 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,394% |
|  | String TX4-DCB6-STR10 | 34,494  | 35,648  | 70,142  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,475% |
|  | String TX4-DCB6-STR11 | 48,822  | 49,976  | 98,798  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,669% |
|  | String TX4-DCB6-STR12 | 63,150  | 64,304  | 127,454 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,863% |
|  | String TX4-DCB6-STR13 | 77,478  | 78,632  | 156,110 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,057% |
|  | String TX4-DCB6-STR14 | 91,806  | 92,960  | 184,766 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,251% |
|  | String TX4-DCB6-STR15 | 106,134 | 107,288 | 213,422 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,445% |
|  | String TX4-DCB6-STR16 | 73,600  | 74,754  | 148,354 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|  | String TX4-DCB7-STR1  | 40,751  | 41,900  | 82,651  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,560% |
|  | String TX4-DCB7-STR2  | 46,542  | 56,036  | 102,578 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,695% |
|  | String TX4-DCB7-STR3  | 60,870  | 70,169  | 131,039 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,887% |
|  | String TX4-DCB7-STR4  | 75,198  | 84,492  | 159,690 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,081% |
|  | String TX4-DCB7-STR5  | 97,658  | 98,814  | 196,472 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,330% |
|  | String TX4-DCB7-STR6  | 103,854 | 112,953 | 216,807 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,468% |
|  | String TX4-DCB7-STR7  | 118,182 | 127,278 | 245,460 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,662% |
|  | String TX4-DCB7-STR8  | 132,510 | 141,604 | 274,114 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,856% |
|  | String TX4-DCB7-STR9  | 146,838 | 155,929 | 302,767 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,366% |
|  | String TX4-DCB7-STR10 | 169,098 | 170,254 | 339,352 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,531% |
|  | String TX4-DCB7-STR11 | 33,348  | 33,946  | 67,294  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,456% |
|  | String TX4-DCB7-STR12 | 46,925  | 48,940  | 95,865  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,649% |
|  | String TX4-DCB7-STR13 | 61,245  | 62,394  | 123,639 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,837% |
|  | String TX4-DCB7-STR14 | 76,242  | 76,533  | 152,775 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,035% |
|  | String TX4-DCB7-STR15 | 89,949  | 90,855  | 180,804 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,224% |
|  | String TX4-DCB7-STR16 | 140,422 | 141,576 | 281,998 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,910% |
|  | String TX4-DCB8-STR1  | 25,318  | 26,472  | 51,790  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,351% |
|  | String TX4-DCB8-STR2  | 40,126  | 41,280  | 81,406  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,551% |
|  | String TX4-DCB8-STR3  | 54,454  | 55,608  | 110,062 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,745% |
|  | String TX4-DCB8-STR4  | 68,782  | 69,936  | 138,718 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,939% |
|  | String TX4-DCB8-STR5  | 83,110  | 84,264  | 167,374 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,133% |

|                        |                        |         |         |          |          |                    |                    |         |        |
|------------------------|------------------------|---------|---------|----------|----------|--------------------|--------------------|---------|--------|
| DC Combiner TX4-DCB8   | String TX4-DCB8-STR6   | 97,438  | 98,592  | 196,030  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,327% |
|                        | String TX4-DCB8-STR7   | 111,766 | 112,920 | 224,686  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,522% |
|                        | String TX4-DCB8-STR8   | 126,094 | 127,248 | 253,342  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,716% |
|                        | String TX4-DCB8-STR9   | 4,009   | 5,163   | 9,172    | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,062% |
|                        | String TX4-DCB8-STR10  | 18,337  | 19,492  | 37,829   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,256% |
|                        | String TX4-DCB8-STR11  | 32,666  | 33,820  | 66,486   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,450% |
|                        | String TX4-DCB8-STR12  | 46,993  | 48,148  | 95,141   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,644% |
|                        | String TX4-DCB8-STR13  | 61,322  | 62,476  | 123,798  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,838% |
|                        | String TX4-DCB8-STR14  | 75,650  | 76,804  | 152,454  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,032% |
|                        | String TX4-DCB8-STR15  | 89,978  | 91,131  | 181,109  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,226% |
| String TX4-DCB8-STR16  | 104,306                | 105,460 | 209,766 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,420%  |        |
| DC Combiner TX4-DCB9   | String TX4-DCB9-STR1   | 24,091  | 25,245  | 49,336   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,334% |
|                        | String TX4-DCB9-STR2   | 38,899  | 40,053  | 78,952   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,535% |
|                        | String TX4-DCB9-STR3   | 53,227  | 54,381  | 107,608  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,729% |
|                        | String TX4-DCB9-STR4   | 67,555  | 68,709  | 136,264  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,923% |
|                        | String TX4-DCB9-STR5   | 81,883  | 83,037  | 164,920  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,117% |
|                        | String TX4-DCB9-STR6   | 96,211  | 97,365  | 193,576  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,311% |
|                        | String TX4-DCB9-STR7   | 110,539 | 111,693 | 222,232  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,505% |
|                        | String TX4-DCB9-STR8   | 124,867 | 126,021 | 250,888  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,699% |
|                        | String TX4-DCB9-STR9   | 4,009   | 5,163   | 9,172    | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,062% |
|                        | String TX4-DCB9-STR10  | 18,337  | 19,491  | 37,828   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,256% |
| String TX4-DCB9-STR11  | 32,665                 | 33,819  | 66,484  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,450%  |        |
| String TX4-DCB9-STR12  | 46,993                 | 48,148  | 95,141  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,644%  |        |
| String TX4-DCB9-STR13  | 61,322                 | 62,476  | 123,798 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,838%  |        |
| String TX4-DCB9-STR14  | 75,649                 | 76,804  | 152,453 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,032%  |        |
| String TX4-DCB9-STR15  | 89,978                 | 91,132  | 181,110 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,226%  |        |
| String TX4-DCB9-STR16  | 104,306                | 105,460 | 209,766 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,420%  |        |
| DC Combiner TX4-DCB10  | String TX4-DCB10-STR1  | 139,195 | 140,349 | 279,544  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,893% |
|                        | String TX4-DCB10-STR2  | 20,833  | 21,987  | 42,820   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,290% |
|                        | String TX4-DCB10-STR3  | 34,961  | 36,115  | 71,076   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,481% |
|                        | String TX4-DCB10-STR4  | 49,289  | 50,443  | 99,732   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,675% |
|                        | String TX4-DCB10-STR5  | 63,417  | 64,571  | 127,988  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,867% |
|                        | String TX4-DCB10-STR6  | 77,745  | 78,899  | 156,644  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,061% |
|                        | String TX4-DCB10-STR7  | 91,873  | 93,027  | 184,900  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,252% |
|                        | String TX4-DCB10-STR8  | 106,201 | 107,355 | 213,556  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,446% |
|                        | String TX4-DCB10-STR9  | 120,529 | 121,683 | 242,212  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,640% |
|                        | String TX4-DCB10-STR10 | 134,857 | 136,011 | 270,868  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,834% |
| String TX4-DCB10-STR11 | 149,185                | 150,339 | 299,524 | 1141,000 | 15,18    | H1Z222-K - 2x(1x6) | 33,1398            | 1,351%  |        |
| String TX4-DCB10-STR12 | 20,605                 | 21,551  | 42,156  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,285%  |        |
| String TX4-DCB10-STR13 | 34,308                 | 36,095  | 70,403  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,477%  |        |
| String TX4-DCB10-STR14 | 48,020                 | 49,382  | 97,402  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,660%  |        |
| String TX4-DCB10-STR15 | 63,397                 | 63,094  | 126,491 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,857%  |        |
| String TX4-DCB10-STR16 | 76,476                 | 77,838  | 154,314 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,045%  |        |
| DC Combiner TX4-DCB11  | String TX4-DCB11-STR1  | 73,600  | 74,753  | 148,353  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|                        | String TX4-DCB11-STR2  | 87,928  | 89,082  | 177,010  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,199% |
|                        | String TX4-DCB11-STR3  | 102,256 | 103,410 | 205,666  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,393% |
|                        | String TX4-DCB11-STR4  | 18,584  | 19,740  | 38,324   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,260% |
|                        | String TX4-DCB11-STR5  | 32,913  | 34,067  | 66,980   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,454% |
|                        | String TX4-DCB11-STR6  | 47,042  | 48,195  | 95,237   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,645% |
|                        | String TX4-DCB11-STR7  | 61,369  | 62,523  | 123,892  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,839% |
|                        | String TX4-DCB11-STR8  | 75,498  | 76,652  | 152,150  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,030% |
|                        | String TX4-DCB11-STR9  | 17,896  | 19,681  | 37,577   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,254% |
|                        | String TX4-DCB11-STR10 | 31,608  | 32,970  | 64,578   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,437% |
| String TX4-DCB11-STR11 | 46,983                 | 46,683  | 93,666  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,634%  |        |
| String TX4-DCB11-STR12 | 60,064                 | 61,426  | 121,490 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,823%  |        |
| String TX4-DCB11-STR13 | 73,569                 | 74,931  | 148,500 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,006%  |        |
| String TX4-DCB11-STR14 | 88,313                 | 90,506  | 178,819 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,211%  |        |
| String TX4-DCB11-STR15 | 102,848                | 104,626 | 207,474 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,405%  |        |
| String TX4-DCB11-STR16 | 117,384                | 118,746 | 236,130 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,599%  |        |
| DC Combiner TX4-DCB12  | String TX4-DCB12-STR1  | 79,829  | 80,983  | 160,812  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,089% |
|                        | String TX4-DCB12-STR2  | 94,157  | 95,311  | 189,468  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,283% |
|                        | String TX4-DCB12-STR3  | 108,485 | 109,639 | 218,124  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,477% |
|                        | String TX4-DCB12-STR4  | 122,813 | 123,967 | 246,780  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,671% |
|                        | String TX4-DCB12-STR5  | 137,141 | 138,295 | 275,436  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,865% |
|                        | String TX4-DCB12-STR6  | 18,556  | 19,710  | 38,266   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,259% |
|                        | String TX4-DCB12-STR7  | 32,684  | 33,838  | 66,522   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,450% |
|                        | String TX4-DCB12-STR8  | 47,012  | 48,166  | 95,178   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,645% |
|                        | String TX4-DCB12-STR9  | 61,340  | 62,494  | 123,834  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,839% |
|                        | String TX4-DCB12-STR10 | 75,668  | 76,822  | 152,490  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,033% |
| String TX4-DCB12-STR11 | 89,796                 | 90,950  | 180,746 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,224%  |        |
| String TX4-DCB12-STR12 | 104,124                | 105,278 | 209,402 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,418%  |        |

|                       |                        |         |         |         |          |       |                    |         |        |
|-----------------------|------------------------|---------|---------|---------|----------|-------|--------------------|---------|--------|
|                       | String TX4-DCB12-STR13 | 118,452 | 119,606 | 238,058 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,612% |
|                       | String TX4-DCB12-STR14 | 132,780 | 133,934 | 266,714 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,806% |
|                       | String TX4-DCB12-STR15 | 147,108 | 148,262 | 295,370 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,332% |
|                       | String TX4-DCB12-STR16 | 17,251  | 18,613  | 35,864  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,243% |
|                       | String TX4-DCB13-STR1  | 16,287  | 17,442  | 33,729  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|                       | String TX4-DCB13-STR2  | 30,615  | 31,769  | 62,384  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|                       | String TX4-DCB13-STR3  | 44,943  | 46,098  | 91,041  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|                       | String TX4-DCB13-STR4  | 59,272  | 60,426  | 119,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|                       | String TX4-DCB13-STR5  | 73,599  | 74,754  | 148,353 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|                       | String TX4-DCB13-STR6  | 87,927  | 89,082  | 177,009 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,199% |
|                       | String TX4-DCB13-STR7  | 102,256 | 103,410 | 205,666 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,393% |
| DC Combiner TX4-DCB13 | String TX4-DCB13-STR8  | 18,355  | 19,509  | 37,864  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,256% |
|                       | String TX4-DCB13-STR9  | 18,297  | 17,997  | 36,294  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,246% |
|                       | String TX4-DCB13-STR10 | 31,379  | 33,156  | 64,535  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,437% |
|                       | String TX4-DCB13-STR11 | 45,915  | 47,276  | 93,191  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,631% |
|                       | String TX4-DCB13-STR12 | 59,212  | 62,235  | 121,447 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,822% |
|                       | String TX4-DCB13-STR13 | 73,748  | 76,355  | 150,103 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,016% |
|                       | String TX4-DCB13-STR14 | 88,283  | 90,476  | 178,759 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,211% |
|                       | String TX4-DCB13-STR15 | 102,819 | 104,596 | 207,415 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,405% |
|                       | String TX4-DCB13-STR16 | 117,355 | 118,716 | 236,071 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,599% |
|                       | String TX4-DCB14-STR1  | 22,515  | 23,669  | 46,184  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,313% |
|                       | String TX4-DCB14-STR2  | 36,843  | 37,997  | 74,840  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,507% |
|                       | String TX4-DCB14-STR3  | 51,171  | 52,325  | 103,496 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,701% |
|                       | String TX4-DCB14-STR4  | 65,499  | 66,653  | 132,152 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,895% |
|                       | String TX4-DCB14-STR5  | 79,827  | 80,981  | 160,808 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,089% |
|                       | String TX4-DCB14-STR6  | 94,155  | 95,309  | 189,464 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,283% |
|                       | String TX4-DCB14-STR7  | 108,483 | 109,637 | 218,120 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,477% |
|                       | String TX4-DCB14-STR8  | 122,811 | 123,965 | 246,776 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,671% |
| DC Combiner TX4-DCB14 | String TX4-DCB14-STR9  | 137,139 | 138,293 | 275,432 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,865% |
|                       | String TX4-DCB14-STR10 | 61,338  | 62,492  | 123,830 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,839% |
|                       | String TX4-DCB14-STR11 | 75,666  | 76,820  | 152,486 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,033% |
|                       | String TX4-DCB14-STR12 | 89,794  | 90,948  | 180,742 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,224% |
|                       | String TX4-DCB14-STR13 | 104,122 | 105,276 | 209,398 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,418% |
|                       | String TX4-DCB14-STR14 | 118,450 | 119,604 | 238,054 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,612% |
|                       | String TX4-DCB14-STR15 | 132,778 | 133,932 | 266,710 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,806% |
|                       | String TX4-DCB14-STR16 | 147,106 | 148,260 | 295,366 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,332% |
|                       | String TX4-DCB15-STR1  | 8,187   | 9,341   | 17,528  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,119% |
|                       | String TX4-DCB15-STR2  | 22,515  | 23,669  | 46,184  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,313% |
|                       | String TX4-DCB15-STR3  | 36,843  | 37,997  | 74,840  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,507% |
|                       | String TX4-DCB15-STR4  | 1,960   | 3,114   | 5,074   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                       | String TX4-DCB15-STR5  | 16,288  | 17,442  | 33,730  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|                       | String TX4-DCB15-STR6  | 30,616  | 31,770  | 62,386  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|                       | String TX4-DCB15-STR7  | 44,944  | 46,098  | 91,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
| DC Combiner TX4-DCB15 | String TX4-DCB15-STR8  | 59,271  | 60,426  | 119,697 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|                       | String TX4-DCB15-STR9  | 73,600  | 74,754  | 148,354 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|                       | String TX4-DCB15-STR10 | 87,928  | 89,082  | 177,010 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,199% |
|                       | String TX4-DCB15-STR11 | 102,256 | 103,410 | 205,666 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,393% |
|                       | String TX4-DCB15-STR12 | 59,212  | 62,235  | 121,447 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,822% |
|                       | String TX4-DCB15-STR13 | 73,748  | 76,355  | 150,103 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,016% |
|                       | String TX4-DCB15-STR14 | 88,283  | 90,476  | 178,759 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,211% |
|                       | String TX4-DCB15-STR15 | 102,819 | 104,596 | 207,415 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,405% |
|                       | String TX4-DCB15-STR16 | 117,355 | 118,716 | 236,071 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,599% |
|                       | String TX4-DCB16-STR1  | 8,186   | 9,340   | 17,526  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,119% |
|                       | String TX4-DCB16-STR2  | 22,514  | 23,668  | 46,182  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,313% |
|                       | String TX4-DCB16-STR3  | 36,842  | 37,996  | 74,838  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,507% |
|                       | String TX4-DCB16-STR4  | 51,170  | 52,324  | 103,494 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,701% |
|                       | String TX4-DCB16-STR5  | 65,498  | 66,652  | 132,150 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,895% |
|                       | String TX4-DCB16-STR6  | 79,826  | 80,980  | 160,806 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,089% |
|                       | String TX4-DCB16-STR7  | 94,154  | 95,308  | 189,462 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,283% |
|                       | String TX4-DCB16-STR8  | 108,482 | 109,636 | 218,118 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,477% |
|                       | String TX4-DCB16-STR9  | 122,810 | 123,964 | 246,774 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,671% |
|                       | String TX4-DCB16-STR10 | 137,138 | 138,292 | 275,430 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,865% |
|                       | String TX4-DCB16-STR11 | 1,960   | 3,114   | 5,074   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                       | String TX4-DCB16-STR12 | 16,287  | 17,442  | 33,729  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|                       | String TX4-DCB16-STR13 | 30,616  | 31,770  | 62,386  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|                       | String TX4-DCB16-STR14 | 61,137  | 62,291  | 123,428 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,836% |
|                       | String TX4-DCB16-STR15 | 75,465  | 76,619  | 152,084 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,030% |
|                       | String TX4-DCB16-STR16 | 89,793  | 90,947  | 180,740 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,224% |
|                       | String TX4-DCB17-STR1  | 102,256 | 103,410 | 205,666 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,393% |
|                       | String TX4-DCB17-STR2  | 87,928  | 89,081  | 177,009 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,199% |
|                       | String TX4-DCB17-STR3  | 73,600  | 74,753  | 148,353 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |

|                       |                        |                      |         |         |          |          |                    |                    |         |
|-----------------------|------------------------|----------------------|---------|---------|----------|----------|--------------------|--------------------|---------|
| DC Combiner TX4-DCB17 | String TX4-DCB17-STR4  | 59,272               | 60,426  | 119,698 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,811%  |
|                       | String TX4-DCB17-STR5  | 44,943               | 46,098  | 91,041  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,617%  |
|                       | String TX4-DCB17-STR6  | 30,615               | 31,769  | 62,384  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,422%  |
|                       | String TX4-DCB17-STR7  | 16,287               | 17,442  | 33,729  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,228%  |
|                       | String TX4-DCB17-STR8  | 1,959                | 3,113   | 5,072   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,034%  |
|                       | String TX4-DCB17-STR9  | 8,186                | 9,340   | 17,526  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,119%  |
|                       | String TX4-DCB17-STR10 | 22,514               | 23,668  | 46,182  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,313%  |
|                       | String TX4-DCB17-STR11 | 36,842               | 37,996  | 74,838  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,507%  |
|                       | String TX5-DCB1-STR1   | 104,121              | 105,275 | 209,396 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,418%  |
|                       | String TX5-DCB1-STR2   | 118,449              | 119,603 | 238,052 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,612%  |
| DC Combiner TX5-DCB1  | String TX5-DCB1-STR3   | 132,777              | 133,931 | 266,708 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,806%  |
|                       | String TX5-DCB1-STR4   | 147,105              | 148,259 | 295,364 | 1141,000 | 15,18    | H1Z222-K - 2x(1x6) | 33,1398            | 1,332%  |
|                       | String TX5-DCB1-STR5   | 8,185                | 9,339   | 17,524  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,119%  |
|                       | String TX5-DCB1-STR6   | 22,513               | 23,667  | 46,180  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,313%  |
|                       | String TX5-DCB1-STR7   | 36,841               | 37,995  | 74,836  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,507%  |
|                       | String TX5-DCB1-STR8   | 51,169               | 52,323  | 103,492 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,701%  |
|                       | String TX5-DCB1-STR9   | 65,497               | 66,651  | 132,148 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,895%  |
|                       | String TX5-DCB1-STR10  | 79,825               | 80,979  | 160,804 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,089%  |
|                       | String TX5-DCB1-STR11  | 94,153               | 95,307  | 189,460 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,283%  |
|                       | String TX5-DCB1-STR12  | 108,481              | 109,635 | 218,116 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,477%  |
|                       | String TX5-DCB1-STR13  | 122,809              | 123,963 | 246,772 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,671%  |
|                       | String TX5-DCB1-STR14  | 137,137              | 138,291 | 275,428 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,865%  |
|                       | String TX5-DCB1-STR15  | 1,960                | 3,114   | 5,074   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,034%  |
|                       | String TX5-DCB1-STR16  | 16,287               | 17,442  | 33,729  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,228%  |
|                       | String TX5-DCB2-STR1   | 46,122               | 47,068  | 93,190  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,631%  |
|                       | DC Combiner TX5-DCB2   | String TX5-DCB2-STR2 | 61,081  | 60,366  | 121,447  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 |
| String TX5-DCB2-STR3  |                        | 75,201               | 74,902  | 150,103 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,016%  |
| String TX5-DCB2-STR4  |                        | 89,321               | 89,437  | 178,758 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,211%  |
| String TX5-DCB2-STR5  |                        | 103,442              | 103,973 | 207,415 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,405%  |
| String TX5-DCB2-STR6  |                        | 117,562              | 118,508 | 236,070 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,599%  |
| String TX5-DCB2-STR7  |                        | 8,185                | 9,339   | 17,524  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,119%  |
| String TX5-DCB2-STR8  |                        | 22,513               | 23,667  | 46,180  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,313%  |
| String TX5-DCB2-STR9  |                        | 1,960                | 3,114   | 5,074   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,034%  |
| String TX5-DCB2-STR10 |                        | 16,288               | 17,442  | 33,730  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,228%  |
| String TX5-DCB2-STR11 |                        | 30,616               | 31,770  | 62,386  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,422%  |
| String TX5-DCB2-STR12 |                        | 44,944               | 46,098  | 91,042  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,617%  |
| String TX5-DCB2-STR13 |                        | 59,272               | 60,426  | 119,698 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,811%  |
| String TX5-DCB2-STR14 |                        | 73,600               | 74,754  | 148,354 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,005%  |
| String TX5-DCB2-STR15 |                        | 87,928               | 89,082  | 177,010 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,199%  |
| String TX5-DCB2-STR16 |                        | 102,256              | 103,410 | 205,666 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,393%  |
| String TX5-DCB3-STR1  |                        | 47,008               | 48,162  | 95,170  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,644%  |
| DC Combiner TX5-DCB3  | String TX5-DCB3-STR2   | 61,336               | 62,490  | 123,826 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,839%  |
|                       | String TX5-DCB3-STR3   | 75,664               | 76,818  | 152,482 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,033%  |
|                       | String TX5-DCB3-STR4   | 89,792               | 90,946  | 180,738 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,224%  |
|                       | String TX5-DCB3-STR5   | 104,120              | 105,274 | 209,394 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,418%  |
|                       | String TX5-DCB3-STR6   | 118,448              | 119,602 | 238,050 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,612%  |
|                       | String TX5-DCB3-STR7   | 132,776              | 133,930 | 266,706 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,806%  |
|                       | String TX5-DCB3-STR8   | 147,104              | 148,258 | 295,362 | 1141,000 | 15,18    | H1Z222-K - 2x(1x6) | 33,1398            | 1,332%  |
|                       | String TX5-DCB3-STR9   | 36,841               | 37,995  | 74,836  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,507%  |
|                       | String TX5-DCB3-STR10  | 51,169               | 52,323  | 103,492 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,701%  |
|                       | String TX5-DCB3-STR11  | 65,497               | 66,651  | 132,148 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,895%  |
|                       | String TX5-DCB3-STR12  | 79,825               | 80,979  | 160,804 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,089%  |
|                       | String TX5-DCB3-STR13  | 94,153               | 95,307  | 189,460 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,283%  |
|                       | String TX5-DCB3-STR14  | 108,481              | 109,635 | 218,116 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,477%  |
|                       | String TX5-DCB3-STR15  | 122,809              | 123,963 | 246,772 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,671%  |
|                       | String TX5-DCB3-STR16  | 137,137              | 138,291 | 275,428 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,865%  |
|                       | String TX5-DCB4-STR1   | 20,602               | 21,558  | 42,158  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,285%  |
| DC Combiner TX5-DCB4  | String TX5-DCB4-STR2   | 34,730               | 35,884  | 70,614  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,478%  |
|                       | String TX5-DCB4-STR3   | 19,301               | 20,663  | 39,964  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,271%  |
|                       | String TX5-DCB4-STR4   | 32,806               | 34,375  | 67,181  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,455%  |
|                       | String TX5-DCB4-STR5   | 48,172               | 49,119  | 97,291  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,659%  |
|                       | String TX5-DCB4-STR6   | 63,131               | 62,416  | 125,547 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,850%  |
|                       | String TX5-DCB4-STR7   | 77,251               | 76,952  | 154,203 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,044%  |
|                       | String TX5-DCB4-STR8   | 91,372               | 91,487  | 182,859 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,238%  |
|                       | String TX5-DCB4-STR9   | 105,492              | 106,023 | 211,515 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,432%  |
|                       | String TX5-DCB4-STR10  | 119,612              | 120,559 | 240,171 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,626%  |
|                       | String TX5-DCB4-STR11  | 89,978               | 91,132  | 181,110 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,226%  |
|                       | String TX5-DCB4-STR12  | 104,306              | 105,460 | 209,766 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,420%  |
|                       | String TX5-DCB4-STR13  | 118,634              | 119,788 | 238,422 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,615%  |
|                       | String TX5-DCB4-STR14  | 132,962              | 134,116 | 267,078 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,809%  |
|                       | String TX5-DCB4-STR15  | 147,290              | 148,444 | 295,734 | 1141,000 | 15,18    | H1Z222-K - 2x(1x6) | 33,1398            | 1,334%  |

|                      |                       |         |         |         |          |       |                    |         |        |
|----------------------|-----------------------|---------|---------|---------|----------|-------|--------------------|---------|--------|
|                      | String TX5-DCB4-STR16 | 161,618 | 162,772 | 324,390 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,463% |
| DC Combiner TX5-DCB5 | String TX5-DCB5-STR1  | 10,234  | 11,388  | 21,622  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,146% |
|                      | String TX5-DCB5-STR2  | 24,562  | 25,716  | 50,278  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,340% |
|                      | String TX5-DCB5-STR3  | 38,890  | 40,044  | 78,934  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,535% |
|                      | String TX5-DCB5-STR4  | 53,218  | 54,372  | 107,590 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,729% |
|                      | String TX5-DCB5-STR5  | 67,546  | 68,700  | 136,246 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,923% |
|                      | String TX5-DCB5-STR6  | 81,874  | 83,028  | 164,902 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,117% |
|                      | String TX5-DCB5-STR7  | 96,202  | 97,356  | 193,558 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,311% |
|                      | String TX5-DCB5-STR8  | 110,530 | 111,684 | 222,214 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,505% |
|                      | String TX5-DCB5-STR9  | 124,858 | 126,012 | 250,870 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,699% |
|                      | String TX5-DCB5-STR10 | 139,186 | 140,340 | 279,526 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,893% |
|                      | String TX5-DCB5-STR11 | 4,010   | 5,164   | 9,174   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,062% |
|                      | String TX5-DCB5-STR12 | 18,337  | 19,492  | 37,829  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,256% |
|                      | String TX5-DCB5-STR13 | 32,666  | 33,820  | 66,486  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,450% |
|                      | String TX5-DCB5-STR14 | 46,994  | 48,148  | 95,142  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,644% |
|                      | String TX5-DCB5-STR15 | 61,322  | 62,476  | 123,798 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,838% |
|                      | String TX5-DCB5-STR16 | 75,650  | 76,804  | 152,454 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,032% |
| DC Combiner TX5-DCB6 | String TX5-DCB6-STR1  | 103,534 | 104,063 | 207,597 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,406% |
|                      | String TX5-DCB6-STR2  | 117,654 | 118,599 | 236,253 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,600% |
|                      | String TX5-DCB6-STR3  | 22,040  | 23,194  | 45,234  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,306% |
|                      | String TX5-DCB6-STR4  | 36,848  | 38,002  | 74,850  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,507% |
|                      | String TX5-DCB6-STR5  | 51,176  | 52,330  | 103,506 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,701% |
|                      | String TX5-DCB6-STR6  | 65,504  | 66,658  | 132,162 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,895% |
|                      | String TX5-DCB6-STR7  | 79,832  | 80,986  | 160,818 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,089% |
|                      | String TX5-DCB6-STR8  | 1,960   | 3,114   | 5,074   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                      | String TX5-DCB6-STR9  | 16,288  | 17,442  | 33,730  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|                      | String TX5-DCB6-STR10 | 30,616  | 31,770  | 62,386  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|                      | String TX5-DCB6-STR11 | 44,944  | 46,098  | 91,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|                      | String TX5-DCB6-STR12 | 59,272  | 60,426  | 119,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|                      | String TX5-DCB6-STR13 | 73,600  | 74,754  | 148,354 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|                      | String TX5-DCB6-STR14 | 87,928  | 89,082  | 177,010 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,199% |
|                      | String TX5-DCB6-STR15 | 102,256 | 103,410 | 205,666 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,393% |
|                      | String TX5-DCB6-STR16 | 116,584 | 117,738 | 234,322 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,587% |
| DC Combiner TX5-DCB7 | String TX5-DCB7-STR1  | 8,184   | 9,338   | 17,522  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,119% |
|                      | String TX5-DCB7-STR2  | 22,512  | 23,666  | 46,178  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,313% |
|                      | String TX5-DCB7-STR3  | 36,840  | 37,994  | 74,834  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,507% |
|                      | String TX5-DCB7-STR4  | 51,168  | 52,322  | 103,490 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,701% |
|                      | String TX5-DCB7-STR5  | 65,496  | 66,650  | 132,146 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,895% |
|                      | String TX5-DCB7-STR6  | 79,824  | 80,978  | 160,802 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,089% |
|                      | String TX5-DCB7-STR7  | 94,152  | 95,306  | 189,458 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,283% |
|                      | String TX5-DCB7-STR8  | 108,480 | 109,634 | 218,114 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,477% |
|                      | String TX5-DCB7-STR9  | 122,808 | 123,962 | 246,770 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,671% |
|                      | String TX5-DCB7-STR10 | 137,136 | 138,290 | 275,426 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,865% |
|                      | String TX5-DCB7-STR11 | 1,959   | 3,113   | 5,072   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                      | String TX5-DCB7-STR12 | 16,287  | 17,442  | 33,729  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|                      | String TX5-DCB7-STR13 | 30,615  | 31,769  | 62,384  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|                      | String TX5-DCB7-STR14 | 44,944  | 46,098  | 91,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|                      | String TX5-DCB7-STR15 | 59,272  | 60,426  | 119,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|                      | String TX5-DCB7-STR16 | 73,600  | 74,754  | 148,354 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
| DC Combiner TX5-DCB8 | String TX5-DCB8-STR1  | 106,217 | 107,371 | 213,588 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,446% |
|                      | String TX5-DCB8-STR2  | 120,545 | 121,699 | 242,244 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,640% |
|                      | String TX5-DCB8-STR3  | 134,873 | 136,027 | 270,900 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,834% |
|                      | String TX5-DCB8-STR4  | 149,201 | 150,355 | 299,556 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,351% |
|                      | String TX5-DCB8-STR5  | 24,090  | 25,244  | 49,334  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,334% |
|                      | String TX5-DCB8-STR6  | 38,898  | 40,052  | 78,950  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,535% |
|                      | String TX5-DCB8-STR7  | 53,226  | 54,380  | 107,606 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,729% |
|                      | String TX5-DCB8-STR8  | 67,554  | 68,708  | 136,262 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,923% |
|                      | String TX5-DCB8-STR9  | 81,882  | 83,036  | 164,918 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,117% |
|                      | String TX5-DCB8-STR10 | 96,210  | 97,364  | 193,574 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,311% |
|                      | String TX5-DCB8-STR11 | 110,538 | 111,692 | 222,230 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,505% |
|                      | String TX5-DCB8-STR12 | 124,866 | 126,020 | 250,886 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,699% |
|                      | String TX5-DCB8-STR13 | 139,194 | 140,348 | 279,542 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,893% |
|                      | String TX5-DCB8-STR14 | 4,009   | 5,163   | 9,172   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,062% |
|                      | String TX5-DCB8-STR15 | 18,337  | 19,491  | 37,828  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,256% |
|                      | String TX5-DCB8-STR16 | 32,665  | 33,819  | 66,484  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,450% |
| DC Combiner TX5-DCB9 | String TX5-DCB9-STR1  | 46,993  | 48,148  | 95,141  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,644% |
|                      | String TX5-DCB9-STR2  | 61,322  | 62,476  | 123,797 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,838% |
|                      | String TX5-DCB9-STR3  | 75,650  | 76,804  | 152,453 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,032% |
|                      | String TX5-DCB9-STR4  | 89,978  | 91,131  | 181,109 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,226% |
|                      | String TX5-DCB9-STR5  | 104,306 | 105,460 | 209,766 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,420% |
|                      | String TX5-DCB9-STR6  | 118,634 | 119,788 | 238,422 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,615% |



|                        |                        |         |         |          |          |                    |                    |         |        |
|------------------------|------------------------|---------|---------|----------|----------|--------------------|--------------------|---------|--------|
| DC Combiner TX5-DCB9   | String TX5-DCB9-STR7   | 20,649  | 21,803  | 42,452   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,287% |
|                        | String TX5-DCB9-STR8   | 20,474  | 21,420  | 41,894   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,284% |
|                        | String TX5-DCB9-STR9   | 34,602  | 34,505  | 69,107   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,468% |
|                        | String TX5-DCB9-STR10  | 47,888  | 49,667  | 97,555   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,661% |
|                        | String TX5-DCB9-STR11  | 62,424  | 63,787  | 126,211  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,855% |
|                        | String TX5-DCB9-STR12  | 75,718  | 78,749  | 154,467  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,046% |
|                        | String TX5-DCB9-STR13  | 90,255  | 92,868  | 183,123  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,240% |
|                        | String TX5-DCB9-STR14  | 104,791 | 106,988 | 211,779  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,434% |
|                        | String TX5-DCB9-STR15  | 119,328 | 121,107 | 240,435  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,628% |
|                        | String TX5-DCB9-STR16  | 133,864 | 135,227 | 269,091  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,822% |
|                        | String TX5-DCB10-STR1  | 22,520  | 23,674  | 46,194   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,313% |
|                        | String TX5-DCB10-STR2  | 36,848  | 38,002  | 74,850   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,507% |
|                        | String TX5-DCB10-STR3  | 51,176  | 52,330  | 103,506  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,701% |
|                        | String TX5-DCB10-STR4  | 65,504  | 66,658  | 132,162  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,895% |
|                        | String TX5-DCB10-STR5  | 79,832  | 80,986  | 160,818  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,089% |
|                        | String TX5-DCB10-STR6  | 94,160  | 95,314  | 189,474  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,283% |
| String TX5-DCB10-STR7  | 108,488                | 109,642 | 218,130 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,477%  |        |
| String TX5-DCB10-STR8  | 122,816                | 123,970 | 246,786 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,671%  |        |
| String TX5-DCB10-STR9  | 137,144                | 138,298 | 275,442 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,865%  |        |
| String TX5-DCB10-STR10 | 61,383                 | 62,537  | 123,920 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,839%  |        |
| String TX5-DCB10-STR11 | 75,711                 | 76,865  | 152,576 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,033%  |        |
| String TX5-DCB10-STR12 | 89,839                 | 90,993  | 180,832 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,225%  |        |
| String TX5-DCB10-STR13 | 104,167                | 105,321 | 209,488 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,419%  |        |
| String TX5-DCB10-STR14 | 118,495                | 119,649 | 238,144 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,613%  |        |
| String TX5-DCB10-STR15 | 132,823                | 133,977 | 266,800 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,807%  |        |
| String TX5-DCB10-STR16 | 147,151                | 148,305 | 295,456 | 1141,000 | 15,18    | H1Z222-K - 2x(1x6) | 33,1398            | 1,333%  |        |
| DC Combiner TX5-DCB11  | String TX5-DCB11-STR1  | 8,192   | 9,346   | 17,538   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,119% |
|                        | String TX5-DCB11-STR2  | 22,520  | 23,674  | 46,194   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,313% |
|                        | String TX5-DCB11-STR3  | 36,848  | 38,002  | 74,850   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,507% |
|                        | String TX5-DCB11-STR4  | 1,960   | 3,114   | 5,074    | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                        | String TX5-DCB11-STR5  | 16,287  | 17,442  | 33,729   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|                        | String TX5-DCB11-STR6  | 30,615  | 31,770  | 62,385   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|                        | String TX5-DCB11-STR7  | 44,944  | 46,098  | 91,042   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|                        | String TX5-DCB11-STR8  | 59,272  | 60,426  | 119,698  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|                        | String TX5-DCB11-STR9  | 73,600  | 74,754  | 148,354  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|                        | String TX5-DCB11-STR10 | 87,928  | 89,082  | 177,010  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,199% |
|                        | String TX5-DCB11-STR11 | 102,256 | 103,410 | 205,666  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,393% |
|                        | String TX5-DCB11-STR12 | 116,584 | 117,738 | 234,322  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,587% |
|                        | String TX5-DCB11-STR13 | 88,205  | 90,818  | 179,023  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,212% |
|                        | String TX5-DCB11-STR14 | 102,741 | 104,938 | 207,679  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,406% |
|                        | String TX5-DCB11-STR15 | 117,278 | 119,057 | 236,335  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,600% |
|                        | String TX5-DCB11-STR16 | 131,814 | 133,177 | 264,991  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,794% |
| DC Combiner TX5-DCB12  | String TX5-DCB12-STR1  | 8,192   | 9,346   | 17,538   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,119% |
|                        | String TX5-DCB12-STR2  | 22,520  | 23,674  | 46,194   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,313% |
|                        | String TX5-DCB12-STR3  | 36,848  | 38,002  | 74,850   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,507% |
|                        | String TX5-DCB12-STR4  | 51,176  | 52,330  | 103,506  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,701% |
|                        | String TX5-DCB12-STR5  | 65,504  | 66,658  | 132,162  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,895% |
|                        | String TX5-DCB12-STR6  | 79,832  | 80,986  | 160,818  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,089% |
|                        | String TX5-DCB12-STR7  | 94,160  | 95,314  | 189,474  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,283% |
|                        | String TX5-DCB12-STR8  | 108,488 | 109,642 | 218,130  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,477% |
|                        | String TX5-DCB12-STR9  | 122,816 | 123,970 | 246,786  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,671% |
|                        | String TX5-DCB12-STR10 | 137,144 | 138,298 | 275,442  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,865% |
|                        | String TX5-DCB12-STR11 | 1,959   | 3,113   | 5,072    | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                        | String TX5-DCB12-STR12 | 16,287  | 17,442  | 33,729   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|                        | String TX5-DCB12-STR13 | 30,615  | 31,770  | 62,385   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|                        | String TX5-DCB12-STR14 | 44,944  | 46,098  | 91,042   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|                        | String TX5-DCB12-STR15 | 59,272  | 60,426  | 119,698  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|                        | String TX5-DCB12-STR16 | 146,914 | 148,068 | 294,982  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,998% |
| DC Combiner TX5-DCB13  | String TX5-DCB13-STR1  | 104,306 | 105,460 | 209,766  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,420% |
|                        | String TX5-DCB13-STR2  | 118,634 | 119,788 | 238,422  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,615% |
|                        | String TX5-DCB13-STR3  | 25,967  | 27,121  | 53,088   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,360% |
|                        | String TX5-DCB13-STR4  | 40,775  | 41,929  | 82,704   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,560% |
|                        | String TX5-DCB13-STR5  | 54,903  | 56,057  | 110,960  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,751% |
|                        | String TX5-DCB13-STR6  | 69,231  | 70,385  | 139,616  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,945% |
|                        | String TX5-DCB13-STR7  | 83,359  | 84,513  | 167,872  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,137% |
|                        | String TX5-DCB13-STR8  | 18,807  | 21,837  | 40,644   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,275% |
|                        | String TX5-DCB13-STR9  | 33,552  | 35,749  | 69,301   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,469% |
|                        | String TX5-DCB13-STR10 | 48,297  | 49,660  | 97,957   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,663% |
|                        | String TX5-DCB13-STR11 | 63,259  | 63,162  | 126,421  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,856% |
|                        | String TX5-DCB13-STR12 | 76,753  | 78,116  | 154,869  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,049% |
|                        | String TX5-DCB13-STR13 | 90,256  | 92,869  | 183,125  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,240% |



|                       |                       |         |         |          |          |                    |                    |         |        |
|-----------------------|-----------------------|---------|---------|----------|----------|--------------------|--------------------|---------|--------|
| DC Combiner TX6-DCB1  | String TX6-DCB1-STR9  | 87,928  | 89,082  | 177,010  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,199% |
|                       | String TX6-DCB1-STR10 | 14,597  | 14,937  | 29,534   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,200% |
|                       | String TX6-DCB1-STR11 | 28,722  | 29,469  | 58,191   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,394% |
|                       | String TX6-DCB1-STR12 | 42,846  | 42,782  | 85,628   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,580% |
|                       | String TX6-DCB1-STR13 | 57,788  | 57,314  | 115,102  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,779% |
|                       | String TX6-DCB1-STR14 | 71,913  | 71,845  | 143,758  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,973% |
|                       | String TX6-DCB1-STR15 | 86,037  | 86,377  | 172,414  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,168% |
|                       | String TX6-DCB1-STR16 | 100,162 | 100,909 | 201,071  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,362% |
|                       | String TX6-DCB2-STR1  | 13,888  | 15,042  | 28,930   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,196% |
|                       | String TX6-DCB2-STR2  | 4,119   | 5,273   | 9,392    | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,064% |
|                       | String TX6-DCB2-STR3  | 18,447  | 19,601  | 38,048   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,258% |
|                       | String TX6-DCB2-STR4  | 32,775  | 33,929  | 66,704   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,452% |
|                       | String TX6-DCB2-STR5  | 47,103  | 48,257  | 95,360   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,646% |
|                       | String TX6-DCB2-STR6  | 61,431  | 62,585  | 124,016  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,840% |
|                       | String TX6-DCB2-STR7  | 75,759  | 76,913  | 152,672  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,034% |
|                       | String TX6-DCB2-STR8  | 1,959   | 3,113   | 5,072    | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
| String TX6-DCB2-STR9  | 16,287                | 17,441  | 33,728  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,228%  |        |
| String TX6-DCB2-STR10 | 30,615                | 31,769  | 62,384  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,422%  |        |
| String TX6-DCB2-STR11 | 44,943                | 46,097  | 91,041  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,617%  |        |
| String TX6-DCB2-STR12 | 59,272                | 60,426  | 119,698 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,811%  |        |
| String TX6-DCB2-STR13 | 73,600                | 74,754  | 148,353 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,005%  |        |
| String TX6-DCB2-STR14 | 87,928                | 89,081  | 177,009 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,199%  |        |
| String TX6-DCB2-STR15 | 102,256               | 103,410 | 205,666 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,393%  |        |
| String TX6-DCB2-STR16 | 113,879               | 115,237 | 229,116 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,552%  |        |
| String TX6-DCB3-STR1  | 14,288                | 15,442  | 29,730  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,201%  |        |
| String TX6-DCB3-STR2  | 28,616                | 29,770  | 58,386  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,395%  |        |
| String TX6-DCB3-STR3  | 42,744                | 43,898  | 86,642  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,587%  |        |
| String TX6-DCB3-STR4  | 57,072                | 58,226  | 115,298 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,781%  |        |
| String TX6-DCB3-STR5  | 71,400                | 72,354  | 143,754 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,973%  |        |
| String TX6-DCB3-STR6  | 85,528                | 86,682  | 172,210 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,166%  |        |
| String TX6-DCB3-STR7  | 13,576                | 14,933  | 28,509  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,193%  |        |
| String TX6-DCB3-STR8  | 28,311                | 29,669  | 57,980  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,393%  |        |
| String TX6-DCB3-STR9  | 41,828                | 43,186  | 85,014  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,576%  |        |
| String TX6-DCB3-STR10 | 56,563                | 57,921  | 114,484 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,775%  |        |
| String TX6-DCB3-STR11 | 71,299                | 71,438  | 142,737 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,967%  |        |
| String TX6-DCB3-STR12 | 84,816                | 86,173  | 170,989 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,158%  |        |
| String TX6-DCB3-STR13 | 99,551                | 101,112 | 200,663 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,359%  |        |
| String TX6-DCB3-STR14 | 47,103                | 48,257  | 95,360  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,646%  |        |
| String TX6-DCB3-STR15 | 61,431                | 62,585  | 124,016 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,840%  |        |
| String TX6-DCB3-STR16 | 75,759                | 76,913  | 152,672 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,034%  |        |
| String TX6-DCB4-STR1  | 14,288                | 15,442  | 29,730  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,201%  |        |
| String TX6-DCB4-STR2  | 28,616                | 29,770  | 58,386  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,394%  |        |
| String TX6-DCB4-STR3  | 42,744                | 43,898  | 86,642  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,587%  |        |
| String TX6-DCB4-STR4  | 14,594                | 15,544  | 30,138  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,204%  |        |
| String TX6-DCB4-STR5  | 29,332                | 30,283  | 59,615  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,404%  |        |
| String TX6-DCB4-STR6  | 43,253                | 44,204  | 87,457  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,592%  |        |
| String TX6-DCB4-STR7  | 56,767                | 58,328  | 115,095 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,779%  |        |
| String TX6-DCB4-STR8  | 71,299                | 73,270  | 144,569 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,979%  |        |
| String TX6-DCB4-STR9  | 84,612                | 87,395  | 172,007 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,165%  |        |
| String TX6-DCB4-STR10 | 99,144                | 101,519 | 200,663 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,359%  |        |
| String TX6-DCB4-STR11 | 114,490               | 115,440 | 229,930 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,557%  |        |
| String TX6-DCB4-STR12 | 44,944                | 46,097  | 91,041  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,617%  |        |
| String TX6-DCB4-STR13 | 59,272                | 60,426  | 119,698 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,811%  |        |
| String TX6-DCB4-STR14 | 73,600                | 74,754  | 148,354 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,005%  |        |
| String TX6-DCB4-STR15 | 87,928                | 89,082  | 177,010 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,199%  |        |
| String TX6-DCB4-STR16 | 102,256               | 103,410 | 205,666 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,393%  |        |
| String TX6-DCB5-STR1  | 14,288                | 15,242  | 29,530  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,200%  |        |
| String TX6-DCB5-STR2  | 28,416                | 29,570  | 57,986  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,393%  |        |
| String TX6-DCB5-STR3  | 42,744                | 43,898  | 86,642  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,587%  |        |
| String TX6-DCB5-STR4  | 56,872                | 58,026  | 114,898 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,778%  |        |
| String TX6-DCB5-STR5  | 71,200                | 72,354  | 143,554 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,972%  |        |
| String TX6-DCB5-STR6  | 85,528                | 86,682  | 172,210 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,166%  |        |
| String TX6-DCB5-STR7  | 14,187                | 14,326  | 28,513  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,193%  |        |
| String TX6-DCB5-STR8  | 27,704                | 29,061  | 56,765  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,384%  |        |
| String TX6-DCB5-STR9  | 42,439                | 43,797  | 86,236  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,584%  |        |
| String TX6-DCB5-STR10 | 4,119                 | 5,273   | 9,392   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,064%  |        |
| String TX6-DCB5-STR11 | 18,447                | 19,601  | 38,048  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,258%  |        |
| String TX6-DCB5-STR12 | 32,775                | 33,929  | 66,704  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,452%  |        |
| String TX6-DCB5-STR13 | 47,103                | 48,257  | 95,360  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,646%  |        |
| String TX6-DCB5-STR14 | 61,431                | 62,585  | 124,016 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,840%  |        |
| String TX6-DCB5-STR15 | 75,759                | 76,913  | 152,672 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,034%  |        |

|  |                       |         |         |         |          |       |                    |         |        |
|--|-----------------------|---------|---------|---------|----------|-------|--------------------|---------|--------|
|  | String TX6-DCB5-STR16 | 1,960   | 3,113   | 5,073   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|  | String TX6-DCB6-STR1  | 27,500  | 30,283  | 57,783  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,391% |
|  | String TX6-DCB6-STR2  | 42,032  | 44,407  | 86,439  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,585% |
|  | String TX6-DCB6-STR3  | 56,563  | 58,532  | 115,095 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,779% |
|  | String TX6-DCB6-STR4  | 71,095  | 72,656  | 143,751 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,973% |
|  | String TX6-DCB6-STR5  | 85,627  | 87,598  | 173,225 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,173% |
|  | String TX6-DCB6-STR6  | 99,144  | 101,519 | 200,663 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,359% |
|  | String TX6-DCB6-STR7  | 114,490 | 115,237 | 229,727 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,556% |
|  | String TX6-DCB6-STR8  | 4,119   | 5,273   | 9,392   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,064% |
|  | String TX6-DCB6-STR9  | 1,960   | 3,113   | 5,073   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|  | String TX6-DCB6-STR10 | 16,287  | 17,442  | 33,729  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|  | String TX6-DCB6-STR11 | 30,615  | 31,770  | 62,385  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|  | String TX6-DCB6-STR12 | 44,943  | 46,098  | 91,041  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|  | String TX6-DCB6-STR13 | 59,272  | 60,426  | 119,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|  | String TX6-DCB6-STR14 | 73,600  | 74,753  | 148,353 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|  | String TX6-DCB6-STR15 | 87,928  | 89,082  | 177,010 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,199% |
|  | String TX6-DCB6-STR16 | 102,256 | 103,410 | 205,666 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,393% |
|  | String TX6-DCB7-STR1  | 28,416  | 29,570  | 57,986  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,393% |
|  | String TX6-DCB7-STR2  | 42,744  | 43,898  | 86,642  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,587% |
|  | String TX6-DCB7-STR3  | 57,072  | 58,026  | 115,098 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,779% |
|  | String TX6-DCB7-STR4  | 71,200  | 72,354  | 143,554 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,972% |
|  | String TX6-DCB7-STR5  | 85,528  | 86,682  | 172,210 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,166% |
|  | String TX6-DCB7-STR6  | 4,119   | 5,273   | 9,392   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,064% |
|  | String TX6-DCB7-STR7  | 18,447  | 19,601  | 38,048  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,258% |
|  | String TX6-DCB7-STR8  | 32,775  | 33,929  | 66,704  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,452% |
|  | String TX6-DCB7-STR9  | 47,103  | 48,257  | 95,360  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,646% |
|  | String TX6-DCB7-STR10 | 61,431  | 62,585  | 124,016 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,840% |
|  | String TX6-DCB7-STR11 | 75,759  | 76,913  | 152,672 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,034% |
|  | String TX6-DCB7-STR12 | 1,959   | 3,113   | 5,072   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|  | String TX6-DCB7-STR13 | 16,287  | 17,442  | 33,729  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|  | String TX6-DCB7-STR14 | 30,615  | 31,769  | 62,384  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|  | String TX6-DCB7-STR15 | 44,944  | 46,098  | 91,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|  | String TX6-DCB7-STR16 | 59,272  | 60,426  | 119,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|  | String TX6-DCB8-STR1  | 85,627  | 87,598  | 173,225 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,173% |
|  | String TX6-DCB8-STR2  | 99,144  | 101,519 | 200,663 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,359% |
|  | String TX6-DCB8-STR3  | 114,490 | 115,237 | 229,727 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,556% |
|  | String TX6-DCB8-STR4  | 4,119   | 5,273   | 9,392   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,064% |
|  | String TX6-DCB8-STR5  | 18,447  | 19,601  | 38,048  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,258% |
|  | String TX6-DCB8-STR6  | 32,775  | 33,929  | 66,704  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,452% |
|  | String TX6-DCB8-STR7  | 47,103  | 48,257  | 95,360  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,646% |
|  | String TX6-DCB8-STR8  | 61,431  | 62,585  | 124,016 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,840% |
|  | String TX6-DCB8-STR9  | 1,959   | 3,113   | 5,072   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|  | String TX6-DCB8-STR10 | 16,287  | 17,442  | 33,729  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|  | String TX6-DCB8-STR11 | 30,615  | 31,769  | 62,384  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|  | String TX6-DCB8-STR12 | 44,944  | 46,097  | 91,041  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|  | String TX6-DCB8-STR13 | 59,272  | 60,426  | 119,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|  | String TX6-DCB8-STR14 | 73,600  | 74,754  | 148,354 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|  | String TX6-DCB8-STR15 | 87,927  | 89,082  | 177,009 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,199% |
|  | String TX6-DCB8-STR16 | 102,256 | 103,410 | 205,666 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,393% |
|  | String TX6-DCB9-STR1  | 85,528  | 86,682  | 172,210 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,166% |
|  | String TX6-DCB9-STR2  | 4,119   | 5,273   | 9,392   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,064% |
|  | String TX6-DCB9-STR3  | 18,447  | 19,601  | 38,048  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,258% |
|  | String TX6-DCB9-STR4  | 32,775  | 33,929  | 66,704  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,452% |
|  | String TX6-DCB9-STR5  | 47,103  | 48,257  | 95,360  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,646% |
|  | String TX6-DCB9-STR6  | 61,431  | 62,585  | 124,016 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,840% |
|  | String TX6-DCB9-STR7  | 75,759  | 76,913  | 152,672 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,034% |
|  | String TX6-DCB9-STR8  | 1,960   | 3,114   | 5,074   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|  | String TX6-DCB9-STR9  | 16,288  | 17,442  | 33,730  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|  | String TX6-DCB9-STR10 | 30,615  | 31,770  | 62,385  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|  | String TX6-DCB9-STR11 | 44,944  | 46,098  | 91,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|  | String TX6-DCB9-STR12 | 59,272  | 60,426  | 119,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|  | String TX6-DCB9-STR13 | 73,600  | 74,754  | 148,354 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|  | String TX6-DCB9-STR14 | 87,928  | 89,082  | 177,010 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,199% |
|  | String TX6-DCB9-STR15 | 102,256 | 103,410 | 205,666 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,393% |
|  | String TX6-DCB9-STR16 | 113,879 | 115,237 | 229,116 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,552% |
|  | String TX6-DCB10-STR1 | 14,488  | 15,642  | 30,130  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,204% |
|  | String TX6-DCB10-STR2 | 28,816  | 29,770  | 58,586  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,397% |
|  | String TX6-DCB10-STR3 | 42,944  | 44,098  | 87,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,589% |
|  | String TX6-DCB10-STR4 | 57,272  | 58,226  | 115,498 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,782% |
|  | String TX6-DCB10-STR5 | 71,400  | 72,554  | 143,954 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,975% |
|  | String TX6-DCB10-STR6 | 85,728  | 86,682  | 172,410 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,168% |

|                        |                        |         |         |          |          |                    |                    |         |        |
|------------------------|------------------------|---------|---------|----------|----------|--------------------|--------------------|---------|--------|
| DC Combiner TX6-DCB10  | String TX6-DCB10-STR7  | 14,794  | 15,744  | 30,538   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,207% |
|                        | String TX6-DCB10-STR8  | 29,532  | 30,483  | 60,015   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,406% |
|                        | String TX6-DCB10-STR9  | 43,453  | 44,404  | 87,857   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,595% |
|                        | String TX6-DCB10-STR10 | 57,171  | 57,310  | 114,481  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,775% |
|                        | String TX6-DCB10-STR11 | 70,891  | 72,249  | 143,140  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,969% |
|                        | String TX6-DCB10-STR12 | 86,444  | 87,191  | 173,635  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,176% |
|                        | String TX6-DCB10-STR13 | 100,162 | 100,909 | 201,071  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,362% |
|                        | String TX6-DCB10-STR14 | 18,447  | 19,601  | 38,048   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,258% |
|                        | String TX6-DCB10-STR15 | 32,775  | 33,929  | 66,704   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,452% |
|                        | String TX6-DCB10-STR16 | 47,103  | 48,257  | 95,360   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,646% |
|                        | String TX6-DCB11-STR1  | 14,288  | 15,442  | 29,730   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,201% |
|                        | String TX6-DCB11-STR2  | 13,576  | 14,933  | 28,509   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,193% |
|                        | String TX6-DCB11-STR3  | 28,922  | 29,872  | 58,794   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,398% |
|                        | String TX6-DCB11-STR4  | 43,660  | 42,982  | 86,642   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,587% |
|                        | String TX6-DCB11-STR5  | 57,581  | 57,717  | 115,298  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,781% |
|                        | String TX6-DCB11-STR6  | 71,706  | 72,249  | 143,955  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,975% |
| String TX6-DCB11-STR7  | 85,627                 | 87,598  | 173,225 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,173%  |        |
| String TX6-DCB11-STR8  | 99,144                 | 101,519 | 200,663 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,359%  |        |
| String TX6-DCB11-STR9  | 114,490                | 115,440 | 229,930 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,557%  |        |
| String TX6-DCB11-STR10 | 16,287                 | 17,442  | 33,729  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,228%  |        |
| String TX6-DCB11-STR11 | 30,615                 | 31,769  | 62,384  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,422%  |        |
| String TX6-DCB11-STR12 | 44,944                 | 46,098  | 91,042  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,617%  |        |
| String TX6-DCB11-STR13 | 59,272                 | 60,426  | 119,698 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,811%  |        |
| String TX6-DCB11-STR14 | 73,600                 | 74,754  | 148,354 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,005%  |        |
| String TX6-DCB11-STR15 | 87,927                 | 89,082  | 177,009 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,199%  |        |
| String TX6-DCB11-STR16 | 102,256                | 103,410 | 205,666 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,393%  |        |
| String TX6-DCB12-STR1  | 14,088                 | 15,242  | 29,330  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,199%  |        |
| String TX6-DCB12-STR2  | 28,416                 | 29,370  | 57,786  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,391%  |        |
| String TX6-DCB12-STR3  | 42,544                 | 43,698  | 86,242  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,584%  |        |
| String TX6-DCB12-STR4  | 56,872                 | 58,026  | 114,898 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,778%  |        |
| String TX6-DCB12-STR5  | 14,597                 | 15,548  | 30,145  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,204%  |        |
| String TX6-DCB12-STR6  | 4,119                  | 5,273   | 9,392   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,064%  |        |
| String TX6-DCB12-STR7  | 18,447                 | 19,601  | 38,048  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,258%  |        |
| String TX6-DCB12-STR8  | 32,775                 | 33,929  | 66,704  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,452%  |        |
| String TX6-DCB12-STR9  | 47,103                 | 48,257  | 95,360  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,646%  |        |
| String TX6-DCB12-STR10 | 1,959                  | 3,113   | 5,072   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,034%  |        |
| String TX6-DCB12-STR11 | 16,287                 | 17,442  | 33,729  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,228%  |        |
| String TX6-DCB12-STR12 | 30,615                 | 31,769  | 62,384  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,422%  |        |
| String TX6-DCB12-STR13 | 44,944                 | 46,098  | 91,042  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,617%  |        |
| String TX6-DCB12-STR14 | 59,272                 | 60,426  | 119,698 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,811%  |        |
| String TX6-DCB12-STR15 | 73,599                 | 74,754  | 148,353 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,005%  |        |
| String TX6-DCB12-STR16 | 87,927                 | 89,081  | 177,008 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,199%  |        |
| String TX6-DCB13-STR1  | 114,184                | 115,338 | 229,522 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,554%  |        |
| String TX6-DCB13-STR2  | 1,960                  | 3,114   | 5,074   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,034%  |        |
| String TX6-DCB13-STR3  | 16,288                 | 17,441  | 33,729  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,228%  |        |
| String TX6-DCB13-STR4  | 30,616                 | 31,770  | 62,386  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,422%  |        |
| String TX6-DCB13-STR5  | 44,944                 | 46,098  | 91,042  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,617%  |        |
| String TX6-DCB13-STR6  | 17,967                 | 19,121  | 37,088  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,251%  |        |
| String TX6-DCB13-STR7  | 32,775                 | 33,929  | 66,704  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,452%  |        |
| String TX6-DCB13-STR8  | 47,103                 | 48,257  | 95,360  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,646%  |        |
| String TX6-DCB13-STR9  | 61,431                 | 62,585  | 124,016 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,840%  |        |
| String TX6-DCB13-STR10 | 75,759                 | 76,913  | 152,672 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,034%  |        |
| String TX6-DCB13-STR11 | 90,087                 | 91,241  | 181,328 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,228%  |        |
| String TX6-DCB13-STR12 | 104,415                | 105,569 | 209,984 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,422%  |        |
| String TX6-DCB13-STR13 | 13,172                 | 15,751  | 28,923  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,196%  |        |
| String TX6-DCB13-STR14 | 28,315                 | 30,286  | 58,601  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,397%  |        |
| String TX6-DCB13-STR15 | 41,832                 | 44,207  | 86,039  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,583%  |        |
| String TX6-DCB13-STR16 | 57,178                 | 58,128  | 115,306 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,781%  |        |
| String TX6-DCB14-STR1  | 1,959                  | 3,114   | 5,073   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,034%  |        |
| String TX6-DCB14-STR2  | 16,288                 | 17,442  | 33,730  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,228%  |        |
| String TX6-DCB14-STR3  | 30,616                 | 31,769  | 62,385  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,422%  |        |
| String TX6-DCB14-STR4  | 44,944                 | 46,098  | 91,042  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,617%  |        |
| String TX6-DCB14-STR5  | 32,775                 | 33,929  | 66,704  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,452%  |        |
| String TX6-DCB14-STR6  | 47,103                 | 48,257  | 95,360  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,646%  |        |
| String TX6-DCB14-STR7  | 61,431                 | 62,585  | 124,016 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,840%  |        |
| String TX6-DCB14-STR8  | 13,983                 | 15,341  | 29,324  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,199%  |        |
| String TX6-DCB14-STR9  | 27,500                 | 28,858  | 56,358  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,382%  |        |
| String TX6-DCB14-STR10 | 43,050                 | 44,000  | 87,050  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,589%  |        |
| String TX6-DCB14-STR11 | 57,788                 | 58,739  | 116,527 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,789%  |        |
| String TX6-DCB14-STR12 | 14,288                 | 15,242  | 29,530  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,200%  |        |
| String TX6-DCB14-STR13 | 28,416                 | 29,570  | 57,986  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,393%  |        |

|                       |                        |        |        |         |          |       |                    |         |        |
|-----------------------|------------------------|--------|--------|---------|----------|-------|--------------------|---------|--------|
|                       | String TX6-DCB14-STR14 | 42,744 | 43,898 | 86,642  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,587% |
|                       | String TX6-DCB14-STR15 | 56,872 | 58,026 | 114,898 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,778% |
|                       | String TX6-DCB14-STR16 | 71,200 | 72,354 | 143,554 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,972% |
| DC Combiner TX6-DCB15 | String TX6-DCB15-STR1  | 4,119  | 5,273  | 9,392   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,064% |
|                       | String TX6-DCB15-STR2  | 18,447 | 19,601 | 38,048  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,258% |
|                       | String TX6-DCB15-STR3  | 32,775 | 33,929 | 66,704  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,452% |
|                       | String TX6-DCB15-STR4  | 47,103 | 48,257 | 95,360  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,646% |
|                       | String TX6-DCB15-STR5  | 1,959  | 3,113  | 5,072   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                       | String TX6-DCB15-STR6  | 16,287 | 17,442 | 33,729  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|                       | String TX6-DCB15-STR7  | 30,615 | 31,769 | 62,384  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|                       | String TX6-DCB15-STR8  | 44,944 | 46,098 | 91,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|                       | String TX6-DCB15-STR9  | 59,272 | 60,426 | 119,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|                       | String TX6-DCB15-STR10 | 14,088 | 15,242 | 29,330  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,199% |
|                       | String TX6-DCB15-STR11 | 28,416 | 29,570 | 57,986  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,393% |
|                       | String TX6-DCB15-STR12 | 42,544 | 43,698 | 86,242  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,584% |
|                       | String TX6-DCB15-STR13 | 56,872 | 58,026 | 114,898 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,778% |
|                       | String TX6-DCB15-STR14 | 14,801 | 15,751 | 30,552  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,207% |
|                       | String TX6-DCB15-STR15 | 28,722 | 29,672 | 58,394  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,395% |
|                       | String TX6-DCB15-STR16 | 43,460 | 44,207 | 87,667  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,594% |
| DC Combiner TX6-DCB16 | String TX6-DCB16-STR1  | 56,160 | 57,517 | 113,677 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,770% |
|                       | String TX6-DCB16-STR2  | 70,895 | 72,253 | 143,148 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,969% |
|                       | String TX6-DCB16-STR3  | 4,119  | 5,273  | 9,392   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,064% |
|                       | String TX6-DCB16-STR4  | 18,447 | 19,601 | 38,048  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,258% |
|                       | String TX6-DCB16-STR5  | 32,775 | 33,929 | 66,704  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,452% |
|                       | String TX6-DCB16-STR6  | 47,103 | 48,257 | 95,360  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,646% |
|                       | String TX6-DCB16-STR7  | 1,960  | 3,114  | 5,074   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                       | String TX6-DCB16-STR8  | 16,288 | 17,442 | 33,730  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|                       | String TX6-DCB16-STR9  | 30,616 | 31,770 | 62,386  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|                       | String TX6-DCB16-STR10 | 44,944 | 46,098 | 91,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|                       | String TX6-DCB16-STR11 | 14,088 | 15,242 | 29,330  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,199% |
|                       | String TX6-DCB16-STR12 | 28,416 | 29,370 | 57,786  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,391% |
|                       | String TX6-DCB16-STR13 | 42,544 | 43,698 | 86,242  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,584% |
|                       | String TX6-DCB16-STR14 | 56,872 | 58,026 | 114,898 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,778% |
|                       | String TX6-DCB16-STR15 | 13,783 | 15,141 | 28,924  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,196% |
|                       | String TX6-DCB16-STR16 | 27,300 | 28,658 | 55,958  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,379% |
| DC Combiner TX6-DCB17 | String TX6-DCB17-STR1  | 41,832 | 43,189 | 85,021  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,576% |
|                       | String TX6-DCB17-STR2  | 56,567 | 58,128 | 114,695 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,777% |
|                       | String TX6-DCB17-STR3  | 4,119  | 5,273  | 9,392   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,064% |
|                       | String TX6-DCB17-STR4  | 18,447 | 19,601 | 38,048  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,258% |
|                       | String TX6-DCB17-STR5  | 32,775 | 33,929 | 66,704  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,452% |
|                       | String TX6-DCB17-STR6  | 47,103 | 48,257 | 95,360  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,646% |
|                       | String TX6-DCB17-STR7  | 1,959  | 3,113  | 5,072   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                       | String TX6-DCB17-STR8  | 16,287 | 17,442 | 33,729  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|                       | String TX6-DCB17-STR9  | 30,615 | 31,769 | 62,384  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|                       | String TX6-DCB17-STR10 | 44,944 | 46,098 | 91,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|                       | String TX6-DCB17-STR11 | 14,088 | 15,242 | 29,330  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,199% |
|                       | String TX6-DCB17-STR12 | 28,216 | 29,370 | 57,586  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,390% |
|                       | String TX6-DCB17-STR13 | 42,544 | 43,698 | 86,242  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,584% |
|                       | String TX6-DCB17-STR14 | 56,872 | 58,026 | 114,898 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,778% |
|                       | String TX6-DCB17-STR15 | 14,394 | 15,344 | 29,738  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,201% |
|                       | String TX6-DCB17-STR16 | 29,132 | 30,083 | 59,215  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,401% |
| DC Combiner TX6-DCB18 | String TX6-DCB18-STR1  | 43,053 | 43,189 | 86,242  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,584% |
|                       | String TX6-DCB18-STR2  | 56,567 | 57,925 | 114,492 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,775% |
|                       | String TX6-DCB18-STR3  | 4,119  | 5,273  | 9,392   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,064% |
|                       | String TX6-DCB18-STR4  | 18,447 | 19,601 | 38,048  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,258% |
|                       | String TX6-DCB18-STR5  | 32,775 | 33,929 | 66,704  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,452% |
|                       | String TX6-DCB18-STR6  | 47,103 | 48,257 | 95,360  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,646% |
|                       | String TX6-DCB18-STR7  | 1,960  | 3,114  | 5,074   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                       | String TX6-DCB18-STR8  | 16,288 | 17,442 | 33,730  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|                       | String TX6-DCB18-STR9  | 30,616 | 31,770 | 62,386  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|                       | String TX6-DCB18-STR10 | 44,944 | 46,098 | 91,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|                       | String TX6-DCB18-STR11 | 14,088 | 15,242 | 29,330  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,199% |
|                       | String TX6-DCB18-STR12 | 28,216 | 29,370 | 57,586  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,390% |
|                       | String TX6-DCB18-STR13 | 42,544 | 43,698 | 86,242  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,584% |
|                       | String TX6-DCB18-STR14 | 56,872 | 58,026 | 114,898 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,778% |
|                       | String TX6-DCB18-STR15 | 13,987 | 14,126 | 28,113  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,190% |
|                       | String TX6-DCB18-STR16 | 27,504 | 28,861 | 56,365  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,382% |
| DC Combiner TX6-DCB19 | String TX6-DCB19-STR1  | 44,944 | 46,098 | 91,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|                       | String TX6-DCB19-STR2  | 30,615 | 31,770 | 62,385  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|                       | String TX6-DCB19-STR3  | 57,178 | 58,128 | 115,306 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,781% |
|                       | String TX6-DCB19-STR4  | 43,257 | 44,207 | 87,464  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,592% |

|                       |                        |         |         |         |          |       |                    |         |        |
|-----------------------|------------------------|---------|---------|---------|----------|-------|--------------------|---------|--------|
| DC Combiner TX6-DCB19 | String TX6-DCB19-STR5  | 28,518  | 30,286  | 58,804  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,398% |
|                       | String TX6-DCB19-STR6  | 14,597  | 15,548  | 30,145  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,204% |
|                       | String TX6-DCB19-STR7  | 14,088  | 15,242  | 29,330  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,199% |
|                       | String TX6-DCB19-STR8  | 28,416  | 29,370  | 57,786  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,391% |
|                       | String TX6-DCB19-STR9  | 42,544  | 43,698  | 86,242  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,584% |
|                       | String TX6-DCB19-STR10 | 56,872  | 58,026  | 114,898 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,778% |
| DC Combiner TX7-DCB1  | String TX7-DCB1-STR1   | 14,088  | 15,242  | 29,330  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,199% |
|                       | String TX7-DCB1-STR2   | 28,416  | 29,570  | 57,986  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,393% |
|                       | String TX7-DCB1-STR3   | 42,744  | 43,698  | 86,442  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,585% |
|                       | String TX7-DCB1-STR4   | 56,872  | 58,026  | 114,898 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,778% |
|                       | String TX7-DCB1-STR5   | 71,200  | 72,354  | 143,554 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,972% |
|                       | String TX7-DCB1-STR6   | 85,528  | 86,682  | 172,210 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,166% |
|                       | String TX7-DCB1-STR7   | 13,172  | 14,530  | 27,702  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,188% |
|                       | String TX7-DCB1-STR8   | 27,907  | 29,265  | 57,172  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,387% |
|                       | String TX7-DCB1-STR9   | 42,643  | 42,782  | 85,425  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,578% |
|                       | String TX7-DCB1-STR10  | 56,160  | 57,517  | 113,677 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,770% |
|                       | String TX7-DCB1-STR11  | 47,103  | 48,257  | 95,360  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,646% |
|                       | String TX7-DCB1-STR12  | 61,431  | 62,585  | 124,016 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,840% |
|                       | String TX7-DCB1-STR13  | 75,759  | 76,913  | 152,672 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,034% |
|                       | String TX7-DCB1-STR14  | 90,087  | 91,241  | 181,328 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,228% |
|                       | String TX7-DCB1-STR15  | 104,415 | 105,569 | 209,984 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,422% |
|                       | String TX7-DCB1-STR16  | 118,743 | 119,897 | 238,640 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,616% |
| DC Combiner TX7-DCB2  | String TX7-DCB2-STR1   | 14,088  | 15,242  | 29,330  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,199% |
|                       | String TX7-DCB2-STR2   | 28,416  | 29,370  | 57,786  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,391% |
|                       | String TX7-DCB2-STR3   | 42,544  | 43,698  | 86,242  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,584% |
|                       | String TX7-DCB2-STR4   | 14,394  | 15,344  | 29,738  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,201% |
|                       | String TX7-DCB2-STR5   | 29,132  | 30,083  | 59,215  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,401% |
|                       | String TX7-DCB2-STR6   | 42,035  | 43,393  | 85,428  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,579% |
|                       | String TX7-DCB2-STR7   | 56,974  | 57,925  | 114,899 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,778% |
|                       | String TX7-DCB2-STR8   | 4,119   | 5,273   | 9,392   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,064% |
|                       | String TX7-DCB2-STR9   | 18,447  | 19,601  | 38,048  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,258% |
|                       | String TX7-DCB2-STR10  | 32,775  | 33,929  | 66,704  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,452% |
|                       | String TX7-DCB2-STR11  | 47,103  | 48,257  | 95,360  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,646% |
|                       | String TX7-DCB2-STR12  | 61,431  | 62,585  | 124,016 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,840% |
|                       | String TX7-DCB2-STR13  | 1,960   | 3,114   | 5,074   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                       | String TX7-DCB2-STR14  | 16,288  | 17,442  | 33,730  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|                       | String TX7-DCB2-STR15  | 30,616  | 31,770  | 62,386  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|                       | String TX7-DCB2-STR16  | 44,944  | 46,098  | 91,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
| DC Combiner TX7-DCB3  | String TX7-DCB3-STR1   | 85,528  | 86,682  | 172,210 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,166% |
|                       | String TX7-DCB3-STR2   | 99,856  | 101,010 | 200,866 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,360% |
|                       | String TX7-DCB3-STR3   | 114,184 | 115,338 | 229,522 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,554% |
|                       | String TX7-DCB3-STR4   | 128,512 | 129,666 | 258,178 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,748% |
|                       | String TX7-DCB3-STR5   | 4,119   | 5,273   | 9,392   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,064% |
|                       | String TX7-DCB3-STR6   | 18,447  | 19,601  | 38,048  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,258% |
|                       | String TX7-DCB3-STR7   | 32,775  | 33,929  | 66,704  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,452% |
|                       | String TX7-DCB3-STR8   | 47,103  | 48,257  | 95,360  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,646% |
|                       | String TX7-DCB3-STR9   | 61,431  | 62,585  | 124,016 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,840% |
|                       | String TX7-DCB3-STR10  | 75,759  | 76,913  | 152,672 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,034% |
|                       | String TX7-DCB3-STR11  | 90,087  | 91,241  | 181,328 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,228% |
|                       | String TX7-DCB3-STR12  | 104,415 | 105,569 | 209,984 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,422% |
|                       | String TX7-DCB3-STR13  | 118,743 | 119,897 | 238,640 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,616% |
|                       | String TX7-DCB3-STR14  | 1,960   | 3,114   | 5,074   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                       | String TX7-DCB3-STR15  | 16,287  | 17,442  | 33,729  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|                       | String TX7-DCB3-STR16  | 30,616  | 31,770  | 62,386  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
| DC Combiner TX7-DCB4  | String TX7-DCB4-STR1   | 56,974  | 57,925  | 114,899 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,778% |
|                       | String TX7-DCB4-STR2   | 4,119   | 5,273   | 9,392   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,064% |
|                       | String TX7-DCB4-STR3   | 18,447  | 19,601  | 38,048  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,258% |
|                       | String TX7-DCB4-STR4   | 32,775  | 33,929  | 66,704  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,452% |
|                       | String TX7-DCB4-STR5   | 47,103  | 48,257  | 95,360  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,646% |
|                       | String TX7-DCB4-STR6   | 61,431  | 62,585  | 124,016 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,840% |
|                       | String TX7-DCB4-STR7   | 75,759  | 76,913  | 152,672 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,034% |
|                       | String TX7-DCB4-STR8   | 90,087  | 91,241  | 181,328 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,228% |
|                       | String TX7-DCB4-STR9   | 104,415 | 105,569 | 209,984 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,422% |
|                       | String TX7-DCB4-STR10  | 118,743 | 119,897 | 238,640 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,616% |
|                       | String TX7-DCB4-STR11  | 1,959   | 3,113   | 5,072   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                       | String TX7-DCB4-STR12  | 16,287  | 17,442  | 33,729  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|                       | String TX7-DCB4-STR13  | 30,615  | 31,769  | 62,384  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|                       | String TX7-DCB4-STR14  | 44,943  | 46,098  | 91,041  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|                       | String TX7-DCB4-STR15  | 114,184 | 115,338 | 229,522 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,554% |
|                       | String TX7-DCB4-STR16  | 128,512 | 129,666 | 258,178 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,748% |
|                       | String TX7-DCB5-STR1   | 14,288  | 15,442  | 29,730  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,201% |

|                             |                       |         |         |         |          |       |                    |         |        |
|-----------------------------|-----------------------|---------|---------|---------|----------|-------|--------------------|---------|--------|
|                             | String TX7-DCB5-STR2  | 28,616  | 29,570  | 58,186  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,394% |
|                             | String TX7-DCB5-STR3  | 42,744  | 43,898  | 86,642  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,587% |
|                             | String TX7-DCB5-STR4  | 57,072  | 58,226  | 115,298 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,781% |
|                             | String TX7-DCB5-STR5  | 71,200  | 72,354  | 143,554 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,972% |
|                             | String TX7-DCB5-STR6  | 85,528  | 86,682  | 172,210 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,166% |
|                             | String TX7-DCB5-STR7  | 99,856  | 101,010 | 200,866 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,360% |
| <b>DC Combiner TX7-DCB5</b> | String TX7-DCB5-STR8  | 13,779  | 15,137  | 28,916  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,196% |
|                             | String TX7-DCB5-STR9  | 28,515  | 28,654  | 57,169  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,387% |
|                             | String TX7-DCB5-STR10 | 42,032  | 43,389  | 85,421  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,578% |
|                             | String TX7-DCB5-STR11 | 56,767  | 58,739  | 115,506 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,782% |
|                             | String TX7-DCB5-STR12 | 4,119   | 5,273   | 9,392   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,064% |
|                             | String TX7-DCB5-STR13 | 1,960   | 3,114   | 5,074   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                             | String TX7-DCB5-STR14 | 16,288  | 17,442  | 33,730  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|                             | String TX7-DCB5-STR15 | 30,616  | 31,770  | 62,386  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|                             | String TX7-DCB5-STR16 | 44,944  | 46,098  | 91,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|                             | String TX7-DCB6-STR1  | 28,616  | 29,570  | 58,186  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,394% |
|                             | String TX7-DCB6-STR2  | 42,744  | 43,898  | 86,642  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,587% |
|                             | String TX7-DCB6-STR3  | 57,072  | 58,226  | 115,298 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,781% |
|                             | String TX7-DCB6-STR4  | 71,400  | 72,554  | 143,954 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,975% |
|                             | String TX7-DCB6-STR5  | 85,728  | 86,682  | 172,410 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,168% |
|                             | String TX7-DCB6-STR6  | 99,856  | 101,010 | 200,866 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,360% |
|                             | String TX7-DCB6-STR7  | 114,184 | 115,338 | 229,522 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,554% |
| <b>DC Combiner TX7-DCB6</b> | String TX7-DCB6-STR8  | 128,512 | 129,666 | 258,178 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,748% |
|                             | String TX7-DCB6-STR9  | 18,447  | 19,601  | 38,048  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,258% |
|                             | String TX7-DCB6-STR10 | 32,775  | 33,929  | 66,704  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,452% |
|                             | String TX7-DCB6-STR11 | 47,103  | 48,257  | 95,360  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,646% |
|                             | String TX7-DCB6-STR12 | 61,431  | 62,585  | 124,016 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,840% |
|                             | String TX7-DCB6-STR13 | 75,759  | 76,913  | 152,672 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,034% |
|                             | String TX7-DCB6-STR14 | 90,087  | 91,241  | 181,328 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,228% |
|                             | String TX7-DCB6-STR15 | 104,415 | 105,569 | 209,984 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,422% |
|                             | String TX7-DCB6-STR16 | 118,743 | 119,897 | 238,640 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,616% |
|                             | String TX7-DCB7-STR1  | 14,288  | 15,242  | 29,530  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,200% |
|                             | String TX7-DCB7-STR2  | 14,187  | 14,530  | 28,717  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,194% |
|                             | String TX7-DCB7-STR3  | 28,925  | 29,061  | 57,986  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,393% |
|                             | String TX7-DCB7-STR4  | 43,050  | 43,593  | 86,643  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,587% |
|                             | String TX7-DCB7-STR5  | 57,174  | 58,739  | 115,913 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,785% |
|                             | String TX7-DCB7-STR6  | 71,709  | 71,845  | 143,554 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,972% |
|                             | String TX7-DCB7-STR7  | 85,834  | 86,377  | 172,211 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,166% |
| <b>DC Combiner TX7-DCB7</b> | String TX7-DCB7-STR8  | 99,958  | 100,909 | 200,867 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,360% |
|                             | String TX7-DCB7-STR9  | 16,287  | 17,442  | 33,729  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|                             | String TX7-DCB7-STR10 | 30,615  | 31,769  | 62,384  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|                             | String TX7-DCB7-STR11 | 44,944  | 46,098  | 91,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|                             | String TX7-DCB7-STR12 | 59,272  | 60,426  | 119,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|                             | String TX7-DCB7-STR13 | 73,600  | 74,754  | 148,354 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|                             | String TX7-DCB7-STR14 | 87,928  | 89,082  | 177,010 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,199% |
|                             | String TX7-DCB7-STR15 | 102,256 | 103,410 | 205,666 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,393% |
|                             | String TX7-DCB7-STR16 | 116,584 | 117,738 | 234,322 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,587% |
|                             | String TX7-DCB8-STR1  | 14,288  | 15,442  | 29,730  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,201% |
|                             | String TX7-DCB8-STR2  | 28,616  | 29,770  | 58,386  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,395% |
|                             | String TX7-DCB8-STR3  | 42,744  | 43,898  | 86,642  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,587% |
|                             | String TX7-DCB8-STR4  | 57,072  | 58,226  | 115,298 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,781% |
|                             | String TX7-DCB8-STR5  | 71,400  | 72,554  | 143,954 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,975% |
|                             | String TX7-DCB8-STR6  | 85,728  | 86,682  | 172,410 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,168% |
|                             | String TX7-DCB8-STR7  | 99,856  | 101,010 | 200,866 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,360% |
|                             | String TX7-DCB8-STR8  | 114,184 | 115,338 | 229,522 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,554% |
| <b>DC Combiner TX7-DCB8</b> | String TX7-DCB8-STR9  | 128,512 | 129,666 | 258,178 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,748% |
|                             | String TX7-DCB8-STR10 | 14,797  | 15,137  | 29,934  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,203% |
|                             | String TX7-DCB8-STR11 | 47,103  | 48,257  | 95,360  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,646% |
|                             | String TX7-DCB8-STR12 | 61,431  | 62,585  | 124,016 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,840% |
|                             | String TX7-DCB8-STR13 | 75,759  | 76,913  | 152,672 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,034% |
|                             | String TX7-DCB8-STR14 | 90,087  | 91,241  | 181,328 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,228% |
|                             | String TX7-DCB8-STR15 | 104,415 | 105,569 | 209,984 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,422% |
|                             | String TX7-DCB8-STR16 | 118,743 | 119,897 | 238,640 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,616% |
|                             | String TX7-DCB9-STR1  | 14,488  | 15,442  | 29,930  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,203% |
|                             | String TX7-DCB9-STR2  | 28,616  | 29,770  | 58,386  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,395% |
|                             | String TX7-DCB9-STR3  | 42,944  | 43,898  | 86,842  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,588% |
|                             | String TX7-DCB9-STR4  | 14,387  | 14,526  | 28,913  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,196% |
|                             | String TX7-DCB9-STR5  | 29,125  | 29,465  | 58,590  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,397% |
|                             | String TX7-DCB9-STR6  | 42,843  | 43,186  | 86,029  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,583% |
|                             | String TX7-DCB9-STR7  | 57,581  | 57,717  | 115,298 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,781% |
| <b>DC Combiner TX7-DCB9</b> | String TX7-DCB9-STR8  | 71,706  | 72,249  | 143,955 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,975% |



|                        |                       |         |         |          |          |                    |                    |         |        |
|------------------------|-----------------------|---------|---------|----------|----------|--------------------|--------------------|---------|--------|
| DC Combiner TX7-DCB9   | String TX7-DCB9-STR9  | 85,830  | 87,395  | 173,225  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,173% |
|                        | String TX7-DCB9-STR10 | 100,365 | 100,501 | 200,866  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,360% |
|                        | String TX7-DCB9-STR11 | 114,490 | 115,033 | 229,523  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,554% |
|                        | String TX7-DCB9-STR12 | 128,411 | 129,565 | 257,976  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,747% |
|                        | String TX7-DCB9-STR13 | 59,272  | 60,426  | 119,698  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|                        | String TX7-DCB9-STR14 | 73,599  | 74,754  | 148,353  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|                        | String TX7-DCB9-STR15 | 87,927  | 89,081  | 177,008  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,199% |
|                        | String TX7-DCB9-STR16 | 102,256 | 103,410 | 205,666  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,393% |
|                        | String TX7-DCB10-STR1 | 14,997  | 15,948  | 30,945   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,210% |
|                        | String TX7-DCB10-STR2 | 28,918  | 29,058  | 57,976   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,393% |
|                        | String TX7-DCB10-STR3 | 43,453  | 43,997  | 87,450   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,592% |
|                        | String TX7-DCB10-STR4 | 56,156  | 57,717  | 113,873  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,771% |
|                        | String TX7-DCB10-STR5 | 71,095  | 72,860  | 143,955  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,975% |
|                        | String TX7-DCB10-STR6 | 85,627  | 85,970  | 171,597  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,162% |
|                        | String TX7-DCB10-STR7 | 99,347  | 101,519 | 200,866  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,360% |
|                        | String TX7-DCB10-STR8 | 113,879 | 115,644 | 229,523  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,554% |
| String TX7-DCB10-STR9  | 128,411               | 129,768 | 258,179 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,748%  |        |
| String TX7-DCB10-STR10 | 14,488                | 15,642  | 30,130  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,204%  |        |
| String TX7-DCB10-STR11 | 28,616                | 29,770  | 58,386  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,395%  |        |
| String TX7-DCB10-STR12 | 42,944                | 44,098  | 87,042  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,589%  |        |
| String TX7-DCB10-STR13 | 57,072                | 58,226  | 115,298 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,781%  |        |
| String TX7-DCB10-STR14 | 87,928                | 89,082  | 177,010 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,199%  |        |
| String TX7-DCB10-STR15 | 102,256               | 103,410 | 205,666 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,393%  |        |
| String TX7-DCB10-STR16 | 116,584               | 117,738 | 234,322 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,587%  |        |
| String TX7-DCB11-STR1  | 17,047                | 17,387  | 34,434  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,233%  |        |
| String TX7-DCB11-STR2  | 30,765                | 32,122  | 62,887  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,426%  |        |
| String TX7-DCB11-STR3  | 45,910                | 45,639  | 91,549  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,620%  |        |
| String TX7-DCB11-STR4  | 59,628                | 60,578  | 120,206 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,814%  |        |
| String TX7-DCB11-STR5  | 74,163                | 75,113  | 149,276 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,011%  |        |
| String TX7-DCB11-STR6  | 88,084                | 88,223  | 176,307 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,194%  |        |
| String TX7-DCB11-STR7  | 44,994                | 46,148  | 91,142  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,617%  |        |
| String TX7-DCB11-STR8  | 59,322                | 60,276  | 119,598 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,810%  |        |
| String TX7-DCB11-STR9  | 73,450                | 74,604  | 148,054 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,003%  |        |
| String TX7-DCB11-STR10 | 87,778                | 88,732  | 176,510 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,195%  |        |
| String TX7-DCB11-STR11 | 101,906               | 103,060 | 204,966 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,388%  |        |
| String TX7-DCB11-STR12 | 116,234               | 117,388 | 233,622 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,582%  |        |
| String TX7-DCB11-STR13 | 63,481                | 64,635  | 128,116 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,868%  |        |
| String TX7-DCB11-STR14 | 77,809                | 78,963  | 156,772 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,062%  |        |
| String TX7-DCB11-STR15 | 92,137                | 93,291  | 185,428 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,256%  |        |
| String TX7-DCB11-STR16 | 106,465               | 107,619 | 214,084 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,450%  |        |
| String TX7-DCB12-STR1  | 4,009                 | 5,164   | 9,173   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,062%  |        |
| String TX7-DCB12-STR2  | 18,338                | 19,492  | 37,830  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,256%  |        |
| String TX7-DCB12-STR3  | 32,666                | 33,819  | 66,485  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,450%  |        |
| String TX7-DCB12-STR4  | 46,994                | 48,147  | 95,141  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,644%  |        |
| String TX7-DCB12-STR5  | 61,322                | 62,476  | 123,798 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,838%  |        |
| String TX7-DCB12-STR6  | 75,649                | 76,804  | 152,453 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,032%  |        |
| String TX7-DCB12-STR7  | 89,978                | 91,132  | 181,110 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,226%  |        |
| String TX7-DCB12-STR8  | 104,306               | 105,460 | 209,766 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,420%  |        |
| String TX7-DCB12-STR9  | 118,634               | 119,788 | 238,422 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,615%  |        |
| String TX7-DCB12-STR10 | 34,825                | 35,979  | 70,804  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,479%  |        |
| String TX7-DCB12-STR11 | 49,153                | 50,307  | 99,460  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,674%  |        |
| String TX7-DCB12-STR12 | 73,349                | 75,320  | 148,669 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,007%  |        |
| String TX7-DCB12-STR13 | 86,662                | 88,020  | 174,682 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,183%  |        |
| String TX7-DCB12-STR14 | 102,415               | 102,551 | 204,966 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,388%  |        |
| String TX7-DCB12-STR15 | 116,540               | 117,083 | 233,623 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,582%  |        |
| String TX7-DCB12-STR16 | 130,664               | 131,615 | 262,279 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,776%  |        |
| String TX7-DCB13-STR1  | 1,959                 | 3,114   | 5,073   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,034%  |        |
| String TX7-DCB13-STR2  | 16,288                | 17,441  | 33,729  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,228%  |        |
| String TX7-DCB13-STR3  | 30,616                | 31,769  | 62,385  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,422%  |        |
| String TX7-DCB13-STR4  | 44,944                | 46,098  | 91,042  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,617%  |        |
| String TX7-DCB13-STR5  | 17,967                | 19,121  | 37,088  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,251%  |        |
| String TX7-DCB13-STR6  | 32,775                | 33,929  | 66,704  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,452%  |        |
| String TX7-DCB13-STR7  | 47,103                | 48,257  | 95,360  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,646%  |        |
| String TX7-DCB13-STR8  | 61,431                | 62,585  | 124,016 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,840%  |        |
| String TX7-DCB13-STR9  | 75,759                | 76,913  | 152,672 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,034%  |        |
| String TX7-DCB13-STR10 | 90,087                | 91,241  | 181,328 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,228%  |        |
| String TX7-DCB13-STR11 | 104,415               | 105,569 | 209,984 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,422%  |        |
| String TX7-DCB13-STR12 | 55,764                | 57,448  | 113,212 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,767%  |        |
| String TX7-DCB13-STR13 | 69,987                | 70,408  | 140,395 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,951%  |        |
| String TX7-DCB13-STR14 | 84,210                | 84,841  | 169,051 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,145%  |        |
| String TX7-DCB13-STR15 | 98,434                | 99,274  | 197,708 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,339%  |        |

|                       |                        |         |         |         |          |       |                    |         |        |
|-----------------------|------------------------|---------|---------|---------|----------|-------|--------------------|---------|--------|
|                       | String TX7-DCB13-STR16 | 112,552 | 113,706 | 226,258 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,532% |
| DC Combiner TX7-DCB14 | String TX7-DCB14-STR1  | 1,959   | 3,113   | 5,072   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                       | String TX7-DCB14-STR2  | 16,287  | 17,441  | 33,728  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|                       | String TX7-DCB14-STR3  | 30,616  | 31,769  | 62,385  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|                       | String TX7-DCB14-STR4  | 44,944  | 46,097  | 91,041  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|                       | String TX7-DCB14-STR5  | 59,272  | 60,425  | 119,697 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|                       | String TX7-DCB14-STR6  | 73,600  | 74,753  | 148,353 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|                       | String TX7-DCB14-STR7  | 87,928  | 89,082  | 177,010 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,199% |
|                       | String TX7-DCB14-STR8  | 102,256 | 103,409 | 205,665 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,393% |
|                       | String TX7-DCB14-STR9  | 116,584 | 117,738 | 234,322 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,587% |
|                       | String TX7-DCB14-STR10 | 130,912 | 132,066 | 262,978 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,781% |
|                       | String TX7-DCB14-STR11 | 17,967  | 19,121  | 37,088  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,251% |
|                       | String TX7-DCB14-STR12 | 32,775  | 33,929  | 66,704  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,452% |
|                       | String TX7-DCB14-STR13 | 98,940  | 100,298 | 199,238 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,349% |
|                       | String TX7-DCB14-STR14 | 114,693 | 114,829 | 229,522 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,554% |
|                       | String TX7-DCB14-STR15 | 128,818 | 129,361 | 258,179 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,748% |
|                       | String TX7-DCB14-STR16 | 142,942 | 143,893 | 286,835 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,942% |
| DC Combiner TX7-DCB15 | String TX7-DCB15-STR1  | 1,959   | 3,113   | 5,072   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                       | String TX7-DCB15-STR2  | 16,287  | 17,441  | 33,728  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|                       | String TX7-DCB15-STR3  | 30,616  | 31,769  | 62,385  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|                       | String TX7-DCB15-STR4  | 44,944  | 46,097  | 91,041  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|                       | String TX7-DCB15-STR5  | 59,272  | 60,426  | 119,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|                       | String TX7-DCB15-STR6  | 73,600  | 74,753  | 148,353 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|                       | String TX7-DCB15-STR7  | 17,967  | 19,121  | 37,088  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,251% |
|                       | String TX7-DCB15-STR8  | 32,775  | 33,929  | 66,704  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,452% |
|                       | String TX7-DCB15-STR9  | 47,103  | 48,257  | 95,360  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,646% |
|                       | String TX7-DCB15-STR10 | 61,431  | 62,585  | 124,016 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,840% |
|                       | String TX7-DCB15-STR11 | 75,759  | 76,913  | 152,672 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,034% |
|                       | String TX7-DCB15-STR12 | 90,087  | 91,241  | 181,328 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,228% |
|                       | String TX7-DCB15-STR13 | 104,415 | 105,569 | 209,984 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,422% |
|                       | String TX7-DCB15-STR14 | 85,528  | 86,682  | 172,210 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,166% |
|                       | String TX7-DCB15-STR15 | 99,856  | 101,010 | 200,866 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,360% |
|                       | String TX7-DCB15-STR16 | 114,184 | 115,338 | 229,522 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,554% |
| DC Combiner TX7-DCB16 | String TX7-DCB16-STR1  | 1,959   | 3,113   | 5,072   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                       | String TX7-DCB16-STR2  | 16,287  | 17,441  | 33,728  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|                       | String TX7-DCB16-STR3  | 30,615  | 31,769  | 62,384  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|                       | String TX7-DCB16-STR4  | 44,944  | 46,097  | 91,041  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|                       | String TX7-DCB16-STR5  | 59,272  | 60,426  | 119,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|                       | String TX7-DCB16-STR6  | 73,600  | 74,753  | 148,353 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|                       | String TX7-DCB16-STR7  | 87,928  | 89,082  | 177,010 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,199% |
|                       | String TX7-DCB16-STR8  | 102,256 | 103,410 | 205,666 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,393% |
|                       | String TX7-DCB16-STR9  | 116,584 | 117,738 | 234,322 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,587% |
|                       | String TX7-DCB16-STR10 | 17,967  | 19,121  | 37,088  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,251% |
|                       | String TX7-DCB16-STR11 | 32,775  | 33,929  | 66,704  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,452% |
|                       | String TX7-DCB16-STR12 | 47,103  | 48,257  | 95,360  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,646% |
|                       | String TX7-DCB16-STR13 | 61,431  | 62,585  | 124,016 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,840% |
|                       | String TX7-DCB16-STR14 | 71,709  | 71,845  | 143,554 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,972% |
|                       | String TX7-DCB16-STR15 | 85,834  | 86,377  | 172,211 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,166% |
|                       | String TX7-DCB16-STR16 | 99,958  | 100,909 | 200,867 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,360% |
| DC Combiner TX7-DCB17 | String TX7-DCB17-STR1  | 1,960   | 3,114   | 5,074   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                       | String TX7-DCB17-STR2  | 16,288  | 17,441  | 33,729  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|                       | String TX7-DCB17-STR3  | 30,616  | 31,770  | 62,386  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|                       | String TX7-DCB17-STR4  | 44,944  | 46,098  | 91,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|                       | String TX7-DCB17-STR5  | 17,967  | 19,121  | 37,088  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,251% |
|                       | String TX7-DCB17-STR6  | 32,775  | 33,929  | 66,704  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,452% |
|                       | String TX7-DCB17-STR7  | 47,103  | 48,257  | 95,360  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,646% |
|                       | String TX7-DCB17-STR8  | 61,431  | 62,585  | 124,016 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,840% |
|                       | String TX7-DCB17-STR9  | 75,759  | 76,913  | 152,672 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,034% |
|                       | String TX7-DCB17-STR10 | 90,087  | 91,241  | 181,328 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,228% |
|                       | String TX7-DCB17-STR11 | 104,415 | 105,569 | 209,984 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,422% |
|                       | String TX7-DCB17-STR12 | 57,072  | 58,026  | 115,098 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,779% |
|                       | String TX7-DCB17-STR13 | 71,200  | 72,354  | 143,554 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,972% |
|                       | String TX7-DCB17-STR14 | 85,528  | 86,682  | 172,210 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,166% |
|                       | String TX7-DCB17-STR15 | 99,856  | 101,010 | 200,866 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,360% |
|                       | String TX7-DCB17-STR16 | 114,184 | 115,338 | 229,522 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,554% |
| DC Combiner TX7-DCB18 | String TX7-DCB18-STR1  | 14,394  | 15,141  | 29,535  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,200% |
|                       | String TX7-DCB18-STR2  | 29,132  | 28,658  | 57,790  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,391% |
|                       | String TX7-DCB18-STR3  | 42,035  | 43,393  | 85,428  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,579% |
|                       | String TX7-DCB18-STR4  | 56,771  | 58,128  | 114,899 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,778% |
|                       | String TX7-DCB18-STR5  | 27,736  | 28,890  | 56,626  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,383% |
|                       | String TX7-DCB18-STR6  | 42,544  | 43,698  | 86,242  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,584% |

|                        |                        |                       |         |         |          |          |                     |                    |         |        |
|------------------------|------------------------|-----------------------|---------|---------|----------|----------|---------------------|--------------------|---------|--------|
| DC Combiner TX7-DCB18  | String TX7-DCB18-STR7  | 1,959                 | 3,114   | 5,073   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 0,034%  |        |
|                        | String TX7-DCB18-STR8  | 17,967                | 19,121  | 37,088  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 0,251%  |        |
|                        | String TX7-DCB18-STR9  | 32,775                | 33,929  | 66,704  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 0,452%  |        |
|                        | String TX7-DCB18-STR10 | 47,103                | 48,257  | 95,360  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 0,646%  |        |
|                        | String TX7-DCB18-STR11 | 61,431                | 62,585  | 124,016 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 0,840%  |        |
|                        | String TX7-DCB18-STR12 | 75,759                | 76,913  | 152,672 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 1,034%  |        |
|                        | String TX7-DCB18-STR13 | 90,087                | 91,241  | 181,328 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 1,228%  |        |
|                        | String TX7-DCB18-STR14 | 104,415               | 105,569 | 209,984 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 1,422%  |        |
|                        | String TX7-DCB18-STR15 | 99,856                | 101,010 | 200,866 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 1,360%  |        |
|                        | String TX7-DCB18-STR16 | 114,184               | 115,338 | 229,522 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 1,554%  |        |
|                        | DC Combiner TX7-DCB19  | String TX7-DCB19-STR1 | 114,156 | 115,258 | 229,414  | 1141,000 | 15,18               | H1Z222-K - 2x(1x4) | 25,5816 | 1,554% |
|                        |                        | String TX7-DCB19-STR2 | 99,880  | 100,877 | 200,757  | 1141,000 | 15,18               | H1Z222-K - 2x(1x4) | 25,5816 | 1,359% |
|                        |                        | String TX7-DCB19-STR3 | 85,604  | 86,497  | 172,101  | 1141,000 | 15,18               | H1Z222-K - 2x(1x4) | 25,5816 | 1,165% |
|                        |                        | String TX7-DCB19-STR4 | 70,911  | 72,483  | 143,394  | 1141,000 | 15,18               | H1Z222-K - 2x(1x4) | 25,5816 | 0,971% |
|                        |                        | String TX7-DCB19-STR5 | 56,512  | 57,727  | 114,239  | 1141,000 | 15,18               | H1Z222-K - 2x(1x4) | 25,5816 | 0,774% |
|                        |                        | String TX7-DCB19-STR6 | 44,944  | 46,098  | 91,042   | 1141,000 | 15,18               | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
| String TX7-DCB19-STR7  |                        | 30,616                | 31,770  | 62,386  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 0,422%  |        |
| String TX7-DCB19-STR8  |                        | 16,288                | 17,442  | 33,730  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 0,228%  |        |
| String TX7-DCB19-STR9  |                        | 1,960                 | 3,114   | 5,074   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 0,034%  |        |
| String TX7-DCB19-STR10 |                        | 97,849                | 96,903  | 194,752 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 1,319%  |        |
| DC Combiner TX8-DCB1   |                        | String TX8-DCB1-STR1  | 121,194 | 122,369 | 243,563  | 1141,000 | 15,18               | H1Z222-K - 2x(1x4) | 25,5816 | 1,649% |
|                        |                        | String TX8-DCB1-STR2  | 135,101 | 136,317 | 271,418  | 1141,000 | 15,18               | H1Z222-K - 2x(1x4) | 25,5816 | 1,838% |
|                        |                        | String TX8-DCB1-STR3  | 218,565 | 218,663 | 437,228  | 1141,000 | 15,18               | H1Z222-K - 2x(1x6) | 33,1398 | 1,972% |
|                        |                        | String TX8-DCB1-STR4  | 78,542  | 79,744  | 158,286  | 1141,000 | 15,18               | H1Z222-K - 2x(1x4) | 25,5816 | 1,072% |
|                        |                        | String TX8-DCB1-STR5  | 93,357  | 94,545  | 187,902  | 1141,000 | 15,18               | H1Z222-K - 2x(1x4) | 25,5816 | 1,272% |
|                        |                        | String TX8-DCB1-STR6  | 107,699 | 108,860 | 216,559  | 1141,000 | 15,18               | H1Z222-K - 2x(1x4) | 25,5816 | 1,466% |
|                        | String TX8-DCB1-STR7   | 121,606               | 121,606 | 243,212 | 1141,000 | 15,18    | H1Z222-K - 2x(1x6)  | 33,1398            | 1,711%  |        |
|                        | String TX8-DCB1-STR8   | 244,362               | 243,626 | 487,988 | 1141,000 | 15,18    | H1Z222-K - 2x(1x6)  | 45,9306            | 1,266%  |        |
|                        | String TX8-DCB1-STR9   | 229,826               | 229,506 | 459,332 | 1141,000 | 15,18    | H1Z222-K - 2x(1x10) | 45,9306            | 1,192%  |        |
|                        | String TX8-DCB1-STR10  | 1,960                 | 3,114   | 5,074   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 0,034%  |        |
|                        | String TX8-DCB1-STR11  | 16,288                | 17,442  | 33,730  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 0,228%  |        |
|                        | String TX8-DCB1-STR12  | 30,616                | 31,770  | 62,386  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 0,422%  |        |
|                        | String TX8-DCB1-STR13  | 44,944                | 46,098  | 91,042  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 0,617%  |        |
|                        | String TX8-DCB1-STR14  | 56,363                | 58,535  | 114,898 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 0,778%  |        |
|                        | String TX8-DCB1-STR15  | 70,895                | 72,660  | 143,555 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 0,972%  |        |
|                        | String TX8-DCB1-STR16  | 85,427                | 86,784  | 172,211 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 1,166%  |        |
| DC Combiner TX8-DCB2   | String TX8-DCB2-STR1   | 42,944                | 44,098  | 87,042  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 0,589%  |        |
|                        | String TX8-DCB2-STR2   | 57,072                | 58,226  | 115,298 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 0,781%  |        |
|                        | String TX8-DCB2-STR3   | 71,400                | 72,554  | 143,954 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 0,975%  |        |
|                        | String TX8-DCB2-STR4   | 85,728                | 86,882  | 172,610 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 1,169%  |        |
|                        | String TX8-DCB2-STR5   | 100,056               | 101,210 | 201,266 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 1,363%  |        |
|                        | String TX8-DCB2-STR6   | 114,384               | 115,338 | 229,722 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 1,556%  |        |
|                        | String TX8-DCB2-STR7   | 128,512               | 129,666 | 258,178 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 1,748%  |        |
|                        | String TX8-DCB2-STR8   | 142,840               | 143,994 | 286,834 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 1,942%  |        |
|                        | String TX8-DCB2-STR9   | 157,168               | 158,322 | 315,490 | 1141,000 | 15,18    | H1Z222-K - 2x(1x6)  | 33,1398            | 1,423%  |        |
|                        | String TX8-DCB2-STR10  | 171,496               | 172,650 | 344,146 | 1141,000 | 15,18    | H1Z222-K - 2x(1x6)  | 33,1398            | 1,552%  |        |
|                        | String TX8-DCB2-STR11  | 13,576                | 15,951  | 29,527  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 0,200%  |        |
|                        | String TX8-DCB2-STR12  | 28,107                | 30,076  | 58,183  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 0,394%  |        |
|                        | String TX8-DCB2-STR13  | 43,046                | 44,814  | 87,860  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 0,595%  |        |
|                        | String TX8-DCB2-STR14  | 133,071               | 134,225 | 267,296 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 1,810%  |        |
|                        | String TX8-DCB2-STR15  | 147,399               | 148,553 | 295,952 | 1141,000 | 15,18    | H1Z222-K - 2x(1x6)  | 33,1398            | 1,335%  |        |
|                        | String TX8-DCB2-STR16  | 161,727               | 162,881 | 324,608 | 1141,000 | 15,18    | H1Z222-K - 2x(1x6)  | 33,1398            | 1,464%  |        |
| DC Combiner TX8-DCB3   | String TX8-DCB3-STR1   | 16,538                | 17,492  | 34,030  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 0,230%  |        |
|                        | String TX8-DCB3-STR2   | 30,666                | 31,820  | 62,486  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 0,423%  |        |
|                        | String TX8-DCB3-STR3   | 44,994                | 46,148  | 91,142  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 0,617%  |        |
|                        | String TX8-DCB3-STR4   | 59,122                | 60,276  | 119,398 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 0,809%  |        |
|                        | String TX8-DCB3-STR5   | 73,450                | 74,604  | 148,054 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 1,003%  |        |
|                        | String TX8-DCB3-STR6   | 87,778                | 88,732  | 176,510 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 1,195%  |        |
|                        | String TX8-DCB3-STR7   | 101,906               | 103,060 | 204,966 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 1,388%  |        |
|                        | String TX8-DCB3-STR8   | 116,234               | 117,388 | 233,622 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 1,582%  |        |
|                        | String TX8-DCB3-STR9   | 130,562               | 131,716 | 262,278 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 1,776%  |        |
|                        | String TX8-DCB3-STR10  | 16,437                | 16,576  | 33,013  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 0,224%  |        |
|                        | String TX8-DCB3-STR11  | 29,954                | 31,311  | 61,265  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 0,415%  |        |
|                        | String TX8-DCB3-STR12  | 44,689                | 46,047  | 90,736  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 0,614%  |        |
|                        | String TX8-DCB3-STR13  | 58,206                | 59,564  | 117,770 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 0,798%  |        |
|                        | String TX8-DCB3-STR14  | 72,941                | 74,299  | 147,240 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 0,997%  |        |
|                        | String TX8-DCB3-STR15  | 88,494                | 88,020  | 176,514 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 1,195%  |        |
|                        | String TX8-DCB3-STR16  | 75,650                | 76,804  | 152,454 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 1,032%  |        |
| DC Combiner TX8-DCB4   | String TX8-DCB4-STR1   | 6,169                 | 7,323   | 13,492  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 0,091%  |        |
|                        | String TX8-DCB4-STR2   | 20,497                | 21,651  | 42,148  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 0,285%  |        |
|                        | String TX8-DCB4-STR3   | 34,825                | 35,979  | 70,804  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4)  | 25,5816            | 0,479%  |        |

|                      |                       |                      |         |         |          |          |                    |                    |         |        |
|----------------------|-----------------------|----------------------|---------|---------|----------|----------|--------------------|--------------------|---------|--------|
|                      | String TX8-DCB4-STR4  | 49,153               | 50,307  | 99,460  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,674%  |        |
|                      | String TX8-DCB4-STR5  | 63,481               | 64,635  | 128,116 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,868%  |        |
|                      | String TX8-DCB4-STR6  | 77,809               | 78,963  | 156,772 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,062%  |        |
|                      | String TX8-DCB4-STR7  | 92,137               | 93,291  | 185,428 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,256%  |        |
| DC Combiner TX8-DCB4 | String TX8-DCB4-STR8  | 106,465              | 107,619 | 214,084 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,450%  |        |
|                      | String TX8-DCB4-STR9  | 120,793              | 121,947 | 242,740 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,644%  |        |
|                      | String TX8-DCB4-STR10 | 135,121              | 136,275 | 271,396 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,838%  |        |
|                      | String TX8-DCB4-STR11 | 149,449              | 150,603 | 300,052 | 1141,000 | 15,18    | H1Z222-K - 2x(1x6) | 33,1398            | 1,353%  |        |
|                      | String TX8-DCB4-STR12 | 4,010                | 5,163   | 9,173   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,062%  |        |
|                      | String TX8-DCB4-STR13 | 18,337               | 19,492  | 37,829  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,256%  |        |
|                      | String TX8-DCB4-STR14 | 32,665               | 33,819  | 66,484  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,450%  |        |
|                      | String TX8-DCB4-STR15 | 46,993               | 48,148  | 95,141  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,644%  |        |
|                      | String TX8-DCB4-STR16 | 61,322               | 62,476  | 123,798 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,838%  |        |
|                      |                       | String TX8-DCB5-STR1 | 171,496 | 172,650 | 344,146  | 1141,000 | 15,18              | H1Z222-K - 2x(1x6) | 33,1398 | 1,552% |
|                      |                       | String TX8-DCB5-STR2 | 4,119   | 5,273   | 9,392    | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,064% |
|                      |                       | String TX8-DCB5-STR3 | 18,447  | 19,601  | 38,048   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,258% |
|                      |                       | String TX8-DCB5-STR4 | 32,775  | 33,929  | 66,704   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,452% |
|                      |                       | String TX8-DCB5-STR5 | 47,103  | 48,257  | 95,360   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,646% |
|                      |                       | String TX8-DCB5-STR6 | 61,431  | 62,585  | 124,016  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,840% |
|                      |                       | String TX8-DCB5-STR7 | 75,759  | 76,913  | 152,672  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,034% |
|                      | String TX8-DCB5-STR8  | 90,087               | 91,241  | 181,328 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,228%  |        |
|                      | String TX8-DCB5-STR9  | 104,415              | 105,569 | 209,984 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,422%  |        |
|                      | String TX8-DCB5-STR10 | 118,743              | 119,897 | 238,640 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,616%  |        |
|                      | String TX8-DCB5-STR11 | 133,071              | 134,225 | 267,296 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,810%  |        |
|                      | String TX8-DCB5-STR12 | 147,399              | 148,553 | 295,952 | 1141,000 | 15,18    | H1Z222-K - 2x(1x6) | 33,1398            | 1,335%  |        |
|                      | String TX8-DCB5-STR13 | 161,727              | 162,881 | 324,608 | 1141,000 | 15,18    | H1Z222-K - 2x(1x6) | 33,1398            | 1,464%  |        |
|                      | String TX8-DCB5-STR14 | 1,959                | 3,113   | 5,072   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,034%  |        |
|                      | String TX8-DCB5-STR15 | 16,287               | 17,442  | 33,729  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,228%  |        |
|                      | String TX8-DCB5-STR16 | 30,615               | 31,769  | 62,384  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,422%  |        |
|                      | String TX8-DCB6-STR1  | 57,381               | 57,517  | 114,898 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,778%  |        |
|                      | String TX8-DCB6-STR2  | 71,506               | 72,049  | 143,555 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,972%  |        |
|                      | String TX8-DCB6-STR3  | 85,630               | 86,581  | 172,211 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,166%  |        |
|                      | String TX8-DCB6-STR4  | 4,119                | 5,273   | 9,392   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,064%  |        |
|                      | String TX8-DCB6-STR5  | 18,447               | 19,601  | 38,048  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,258%  |        |
|                      | String TX8-DCB6-STR6  | 32,775               | 33,929  | 66,704  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,452%  |        |
|                      | String TX8-DCB6-STR7  | 47,103               | 48,257  | 95,360  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,646%  |        |
|                      | String TX8-DCB6-STR8  | 61,431               | 62,585  | 124,016 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,840%  |        |
|                      | String TX8-DCB6-STR9  | 75,759               | 76,913  | 152,672 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,034%  |        |
|                      | String TX8-DCB6-STR10 | 90,087               | 91,241  | 181,328 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,228%  |        |
|                      | String TX8-DCB6-STR11 | 1,960                | 3,113   | 5,073   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,034%  |        |
|                      | String TX8-DCB6-STR12 | 16,288               | 17,442  | 33,730  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,228%  |        |
|                      | String TX8-DCB6-STR13 | 30,615               | 31,770  | 62,385  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,422%  |        |
|                      | String TX8-DCB6-STR14 | 44,944               | 46,098  | 91,042  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,617%  |        |
|                      | String TX8-DCB6-STR15 | 59,272               | 60,426  | 119,698 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,811%  |        |
|                      | String TX8-DCB6-STR16 | 73,600               | 74,754  | 148,354 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,005%  |        |
|                      | String TX8-DCB7-STR1  | 114,384              | 115,338 | 229,722 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,556%  |        |
|                      | String TX8-DCB7-STR2  | 128,512              | 129,666 | 258,178 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,748%  |        |
|                      | String TX8-DCB7-STR3  | 142,840              | 143,994 | 286,834 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,942%  |        |
|                      | String TX8-DCB7-STR4  | 157,168              | 158,322 | 315,490 | 1141,000 | 15,18    | H1Z222-K - 2x(1x6) | 33,1398            | 1,423%  |        |
|                      | String TX8-DCB7-STR5  | 171,496              | 172,650 | 344,146 | 1141,000 | 15,18    | H1Z222-K - 2x(1x6) | 33,1398            | 1,552%  |        |
|                      | String TX8-DCB7-STR6  | 18,447               | 19,601  | 38,048  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,258%  |        |
|                      | String TX8-DCB7-STR7  | 32,775               | 33,929  | 66,704  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,452%  |        |
|                      | String TX8-DCB7-STR8  | 47,103               | 48,257  | 95,360  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,646%  |        |
|                      | String TX8-DCB7-STR9  | 61,431               | 62,585  | 124,016 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,840%  |        |
|                      | String TX8-DCB7-STR10 | 75,759               | 76,913  | 152,672 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,034%  |        |
|                      | String TX8-DCB7-STR11 | 90,087               | 91,241  | 181,328 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,228%  |        |
|                      | String TX8-DCB7-STR12 | 104,415              | 105,569 | 209,984 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,422%  |        |
|                      | String TX8-DCB7-STR13 | 118,743              | 119,897 | 238,640 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,616%  |        |
|                      | String TX8-DCB7-STR14 | 133,071              | 134,225 | 267,296 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,810%  |        |
|                      | String TX8-DCB7-STR15 | 147,399              | 148,553 | 295,952 | 1141,000 | 15,18    | H1Z222-K - 2x(1x6) | 33,1398            | 1,335%  |        |
|                      | String TX8-DCB7-STR16 | 161,727              | 162,881 | 324,608 | 1141,000 | 15,18    | H1Z222-K - 2x(1x6) | 33,1398            | 1,464%  |        |
|                      | String TX8-DCB8-STR1  | 14,088               | 15,242  | 29,330  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,199%  |        |
|                      | String TX8-DCB8-STR2  | 13,376               | 14,937  | 28,313  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,192%  |        |
|                      | String TX8-DCB8-STR3  | 28,315               | 30,286  | 58,601  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,397%  |        |
|                      | String TX8-DCB8-STR4  | 43,257               | 42,986  | 86,243  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,584%  |        |
|                      | String TX8-DCB8-STR5  | 57,381               | 57,517  | 114,898 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,778%  |        |
|                      | String TX8-DCB8-STR6  | 71,506               | 72,049  | 143,555 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,972%  |        |
|                      | String TX8-DCB8-STR7  | 85,630               | 86,581  | 172,211 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,166%  |        |
|                      | String TX8-DCB8-STR8  | 4,119                | 5,273   | 9,392   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,064%  |        |
|                      | String TX8-DCB8-STR9  | 18,447               | 19,601  | 38,048  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,258%  |        |
|                      | String TX8-DCB8-STR10 | 32,775               | 33,929  | 66,704  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,452%  |        |

|  |                        |         |         |         |          |       |                    |         |        |
|--|------------------------|---------|---------|---------|----------|-------|--------------------|---------|--------|
|  | String TX8-DCB8-STR11  | 1,959   | 3,113   | 5,072   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|  | String TX8-DCB8-STR12  | 16,287  | 17,442  | 33,729  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|  | String TX8-DCB8-STR13  | 30,615  | 31,769  | 62,384  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|  | String TX8-DCB8-STR14  | 44,944  | 46,097  | 91,041  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|  | String TX8-DCB8-STR15  | 59,272  | 60,426  | 119,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|  | String TX8-DCB8-STR16  | 73,600  | 74,754  | 148,354 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|  | String TX8-DCB9-STR1   | 57,272  | 58,426  | 115,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,783% |
|  | String TX8-DCB9-STR2   | 71,600  | 72,754  | 144,354 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,978% |
|  | String TX8-DCB9-STR3   | 85,728  | 86,882  | 172,610 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,169% |
|  | String TX8-DCB9-STR4   | 100,056 | 101,210 | 201,266 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,363% |
|  | String TX8-DCB9-STR5   | 114,384 | 115,538 | 229,722 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,556% |
|  | String TX8-DCB9-STR6   | 128,512 | 129,666 | 258,178 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,748% |
|  | String TX8-DCB9-STR7   | 142,840 | 143,994 | 286,834 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,942% |
|  | String TX8-DCB9-STR8   | 157,168 | 158,322 | 315,490 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,423% |
|  | String TX8-DCB9-STR9   | 171,496 | 172,650 | 344,146 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,552% |
|  | String TX8-DCB9-STR10  | 75,759  | 76,913  | 152,672 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,034% |
|  | String TX8-DCB9-STR11  | 90,087  | 91,241  | 181,328 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,228% |
|  | String TX8-DCB9-STR12  | 104,415 | 105,569 | 209,984 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,422% |
|  | String TX8-DCB9-STR13  | 118,743 | 119,897 | 238,640 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,616% |
|  | String TX8-DCB9-STR14  | 133,071 | 134,225 | 267,296 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,810% |
|  | String TX8-DCB9-STR15  | 147,399 | 148,553 | 295,952 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,335% |
|  | String TX8-DCB9-STR16  | 161,727 | 162,881 | 324,608 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,464% |
|  | String TX8-DCB10-STR1  | 14,488  | 15,642  | 30,130  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,204% |
|  | String TX8-DCB10-STR2  | 28,616  | 29,770  | 58,386  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,395% |
|  | String TX8-DCB10-STR3  | 42,744  | 43,898  | 86,642  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,587% |
|  | String TX8-DCB10-STR4  | 57,072  | 58,226  | 115,298 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,779% |
|  | String TX8-DCB10-STR5  | 71,200  | 72,354  | 143,554 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,972% |
|  | String TX8-DCB10-STR6  | 85,528  | 86,682  | 172,210 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,166% |
|  | String TX8-DCB10-STR7  | 100,056 | 101,210 | 201,266 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,363% |
|  | String TX8-DCB10-STR8  | 114,384 | 115,538 | 229,722 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,556% |
|  | String TX8-DCB10-STR9  | 128,512 | 129,666 | 258,178 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,748% |
|  | String TX8-DCB10-STR10 | 142,840 | 143,994 | 286,834 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,942% |
|  | String TX8-DCB10-STR11 | 157,168 | 158,322 | 315,490 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,423% |
|  | String TX8-DCB10-STR12 | 171,496 | 172,650 | 344,146 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,552% |
|  | String TX8-DCB10-STR13 | 13,979  | 15,337  | 29,316  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,199% |
|  | String TX8-DCB10-STR14 | 90,087  | 91,241  | 181,328 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,228% |
|  | String TX8-DCB10-STR15 | 104,415 | 105,569 | 209,984 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,422% |
|  | String TX8-DCB10-STR16 | 118,743 | 119,897 | 238,640 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,616% |
|  | String TX8-DCB11-STR1  | 14,488  | 15,642  | 30,130  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,204% |
|  | String TX8-DCB11-STR2  | 28,616  | 29,770  | 58,386  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,395% |
|  | String TX8-DCB11-STR3  | 42,944  | 43,898  | 86,842  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,588% |
|  | String TX8-DCB11-STR4  | 57,272  | 58,426  | 115,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,783% |
|  | String TX8-DCB11-STR5  | 71,600  | 72,754  | 144,354 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,978% |
|  | String TX8-DCB11-STR6  | 85,728  | 86,882  | 172,610 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,169% |
|  | String TX8-DCB11-STR7  | 100,056 | 101,210 | 201,266 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,363% |
|  | String TX8-DCB11-STR8  | 114,384 | 115,538 | 229,722 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,556% |
|  | String TX8-DCB11-STR9  | 128,512 | 129,666 | 258,178 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,748% |
|  | String TX8-DCB11-STR10 | 142,840 | 143,994 | 286,834 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,942% |
|  | String TX8-DCB11-STR11 | 157,168 | 158,322 | 315,490 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,423% |
|  | String TX8-DCB11-STR12 | 171,496 | 172,650 | 344,146 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,552% |
|  | String TX8-DCB11-STR13 | 13,979  | 15,337  | 29,316  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,199% |
|  | String TX8-DCB11-STR14 | 90,087  | 91,241  | 181,328 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,228% |
|  | String TX8-DCB11-STR15 | 104,415 | 105,569 | 209,984 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,422% |
|  | String TX8-DCB11-STR16 | 118,743 | 119,897 | 238,640 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,616% |
|  | String TX8-DCB12-STR1  | 14,488  | 15,642  | 30,130  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,204% |
|  | String TX8-DCB12-STR2  | 28,616  | 29,770  | 58,386  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,395% |
|  | String TX8-DCB12-STR3  | 42,944  | 43,898  | 86,842  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,588% |
|  | String TX8-DCB12-STR4  | 57,072  | 58,226  | 115,298 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,781% |
|  | String TX8-DCB12-STR5  | 71,200  | 72,354  | 143,554 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,972% |
|  | String TX8-DCB12-STR6  | 85,528  | 86,682  | 172,210 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,166% |
|  | String TX8-DCB12-STR7  | 100,056 | 101,210 | 201,266 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,363% |
|  | String TX8-DCB12-STR8  | 114,384 | 115,538 | 229,722 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,556% |
|  | String TX8-DCB12-STR9  | 128,512 | 129,666 | 258,178 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,748% |
|  | String TX8-DCB12-STR10 | 142,840 | 143,994 | 286,834 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,942% |
|  | String TX8-DCB12-STR11 | 157,168 | 158,322 | 315,490 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,423% |
|  | String TX8-DCB12-STR12 | 171,496 | 172,650 | 344,146 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,552% |
|  | String TX8-DCB12-STR13 | 13,979  | 15,337  | 29,316  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,199% |
|  | String TX8-DCB12-STR14 | 90,087  | 91,241  | 181,328 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,228% |
|  | String TX8-DCB12-STR15 | 104,415 | 105,569 | 209,984 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,422% |
|  | String TX8-DCB12-STR16 | 118,743 | 119,897 | 238,640 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,616% |
|  | String TX8-DCB13-STR1  | 56,392  | 57,546  | 113,938 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,772% |

|                       |                        |         |         |         |          |       |                    |         |        |
|-----------------------|------------------------|---------|---------|---------|----------|-------|--------------------|---------|--------|
|                       | String TX8-DCB13-STR2  | 70,720  | 71,874  | 142,594 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,966% |
|                       | String TX8-DCB13-STR3  | 27,224  | 29,396  | 56,620  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,383% |
|                       | String TX8-DCB13-STR4  | 41,959  | 43,317  | 85,276  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,577% |
|                       | String TX8-DCB13-STR5  | 55,680  | 57,037  | 112,717 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,763% |
|                       | String TX8-DCB13-STR6  | 70,415  | 71,773  | 142,188 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,963% |
|                       | String TX8-DCB13-STR7  | 1,960   | 3,114   | 5,074   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
| DC Combiner TX8-DCB13 | String TX8-DCB13-STR8  | 16,767  | 17,922  | 34,689  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,235% |
|                       | String TX8-DCB13-STR9  | 31,096  | 32,250  | 63,346  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,429% |
|                       | String TX8-DCB13-STR10 | 45,424  | 46,578  | 92,002  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,623% |
|                       | String TX8-DCB13-STR11 | 59,752  | 60,906  | 120,658 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,817% |
|                       | String TX8-DCB13-STR12 | 74,080  | 75,234  | 149,314 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,011% |
|                       | String TX8-DCB13-STR13 | 88,408  | 89,562  | 177,970 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,205% |
|                       | String TX8-DCB13-STR14 | 95,927  | 96,285  | 192,212 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,302% |
|                       | String TX8-DCB13-STR15 | 110,123 | 110,746 | 220,869 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,496% |
|                       | String TX8-DCB13-STR16 | 124,318 | 125,339 | 249,657 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,691% |
|                       | String TX8-DCB14-STR1  | 27,015  | 27,506  | 54,521  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,369% |
|                       | String TX8-DCB14-STR2  | 41,676  | 42,461  | 84,137  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,570% |
|                       | String TX8-DCB14-STR3  | 55,930  | 56,863  | 112,793 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,764% |
|                       | String TX8-DCB14-STR4  | 70,184  | 71,265  | 141,449 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,958% |
|                       | String TX8-DCB14-STR5  | 1,959   | 3,113   | 5,072   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                       | String TX8-DCB14-STR6  | 16,767  | 17,921  | 34,688  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,235% |
|                       | String TX8-DCB14-STR7  | 31,095  | 32,250  | 63,345  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,429% |
|                       | String TX8-DCB14-STR8  | 45,423  | 46,578  | 92,001  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,623% |
| DC Combiner TX8-DCB14 | String TX8-DCB14-STR9  | 59,751  | 60,906  | 120,657 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,817% |
|                       | String TX8-DCB14-STR10 | 74,079  | 75,234  | 149,313 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,011% |
|                       | String TX8-DCB14-STR11 | 88,408  | 89,562  | 177,970 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,205% |
|                       | String TX8-DCB14-STR12 | 54,118  | 54,263  | 108,381 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,734% |
|                       | String TX8-DCB14-STR13 | 69,257  | 68,793  | 138,050 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,935% |
|                       | String TX8-DCB14-STR14 | 82,169  | 84,335  | 166,504 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,128% |
|                       | String TX8-DCB14-STR15 | 96,700  | 98,461  | 195,161 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,322% |
|                       | String TX8-DCB14-STR16 | 111,432 | 112,586 | 224,018 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,517% |
|                       | String TX8-DCB15-STR1  | 24,477  | 25,025  | 49,502  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,335% |
|                       | String TX8-DCB15-STR2  | 39,083  | 40,035  | 79,118  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,536% |
|                       | String TX8-DCB15-STR3  | 1,959   | 3,113   | 5,072   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                       | String TX8-DCB15-STR4  | 16,767  | 17,921  | 34,688  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,235% |
|                       | String TX8-DCB15-STR5  | 31,096  | 32,250  | 63,346  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,429% |
|                       | String TX8-DCB15-STR6  | 45,423  | 46,577  | 92,000  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,623% |
|                       | String TX8-DCB15-STR7  | 59,751  | 60,906  | 120,657 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,817% |
|                       | String TX8-DCB15-STR8  | 74,080  | 75,233  | 149,313 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,011% |
|                       | String TX8-DCB15-STR9  | 88,408  | 89,562  | 177,970 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,205% |
|                       | String TX8-DCB15-STR10 | 22,957  | 25,527  | 48,484  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,328% |
|                       | String TX8-DCB15-STR11 | 37,967  | 40,133  | 78,100  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,529% |
|                       | String TX8-DCB15-STR12 | 52,700  | 52,845  | 105,545 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,715% |
|                       | String TX8-DCB15-STR13 | 67,839  | 67,375  | 135,214 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,916% |
|                       | String TX8-DCB15-STR14 | 80,751  | 82,917  | 163,668 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,108% |
|                       | String TX8-DCB15-STR15 | 95,281  | 97,042  | 192,323 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,302% |
|                       | String TX8-DCB15-STR16 | 109,812 | 111,168 | 220,980 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,496% |
|                       | String TX8-DCB16-STR1  | 21,380  | 24,153  | 45,533  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,308% |
|                       | String TX8-DCB16-STR2  | 36,390  | 38,758  | 75,148  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,509% |
|                       | String TX8-DCB16-STR3  | 50,921  | 52,479  | 103,400 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,700% |
|                       | String TX8-DCB16-STR4  | 66,465  | 65,798  | 132,263 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,896% |
|                       | String TX8-DCB16-STR5  | 79,174  | 81,542  | 160,716 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,088% |
|                       | String TX8-DCB16-STR6  | 93,705  | 95,668  | 189,373 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,282% |
|                       | String TX8-DCB16-STR7  | 108,235 | 109,591 | 217,826 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,475% |
|                       | String TX8-DCB16-STR8  | 1,959   | 3,113   | 5,072   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                       | String TX8-DCB16-STR9  | 16,767  | 17,921  | 34,688  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,235% |
|                       | String TX8-DCB16-STR10 | 31,096  | 32,250  | 63,346  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,429% |
|                       | String TX8-DCB16-STR11 | 45,423  | 46,577  | 92,000  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,623% |
|                       | String TX8-DCB16-STR12 | 59,752  | 60,906  | 120,658 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,817% |
|                       | String TX8-DCB16-STR13 | 74,079  | 75,234  | 149,313 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,011% |
|                       | String TX8-DCB16-STR14 | 88,408  | 89,562  | 177,970 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,205% |
|                       | String TX8-DCB16-STR15 | 21,162  | 22,923  | 44,085  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,299% |
|                       | String TX8-DCB16-STR16 | 36,172  | 37,528  | 73,700  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,499% |
|                       | String TX8-DCB17-STR1  | 50,080  | 52,046  | 102,126 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,692% |
|                       | String TX8-DCB17-STR2  | 63,399  | 64,755  | 128,154 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,868% |
|                       | String TX8-DCB17-STR3  | 79,144  | 79,285  | 158,429 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,073% |
|                       | String TX8-DCB17-STR4  | 93,269  | 93,816  | 187,085 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,267% |
|                       | String TX8-DCB17-STR5  | 107,395 | 108,346 | 215,741 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,461% |
|                       | String TX8-DCB17-STR6  | 1,960   | 3,114   | 5,074   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                       | String TX8-DCB17-STR7  | 16,767  | 17,922  | 34,689  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,235% |
| DC Combiner TX8-DCB17 | String TX8-DCB17-STR8  | 31,095  | 32,250  | 63,345  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,429% |

|                        |                        |                       |         |          |          |                    |                    |                    |         |
|------------------------|------------------------|-----------------------|---------|----------|----------|--------------------|--------------------|--------------------|---------|
| DC Combiner TX8-DCB17  | String TX8-DCB17-STR9  | 45,424                | 46,578  | 92,002   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,623%  |
|                        | String TX8-DCB17-STR10 | 59,752                | 60,906  | 120,658  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,817%  |
|                        | String TX8-DCB17-STR11 | 74,080                | 75,234  | 149,314  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 1,011%  |
|                        | String TX8-DCB17-STR12 | 88,408                | 89,562  | 177,970  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 1,205%  |
|                        | String TX8-DCB17-STR13 | 19,683                | 19,821  | 39,504   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,268%  |
|                        | String TX8-DCB17-STR14 | 33,602                | 35,391  | 68,993   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,467%  |
|                        | String TX8-DCB17-STR15 | 48,057                | 49,592  | 97,649   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,661%  |
|                        | String TX8-DCB17-STR16 | 62,512                | 63,793  | 126,305  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,855%  |
|                        | String TX8-DCB18-STR1  | 95,953                | 97,115  | 193,068  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 1,307%  |
|                        | String TX8-DCB18-STR2  | 110,276               | 111,440 | 221,716  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 1,501%  |
|                        | String TX8-DCB18-STR3  | 124,607               | 125,765 | 250,372  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 1,695%  |
|                        | String TX8-DCB18-STR4  | 1,959                 | 3,113   | 5,072    | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,034%  |
|                        | String TX8-DCB18-STR5  | 16,767                | 17,922  | 34,689   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,235%  |
|                        | String TX8-DCB18-STR6  | 31,095                | 32,250  | 63,345   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,429%  |
|                        | String TX8-DCB18-STR7  | 45,423                | 46,577  | 92,000   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,623%  |
|                        | DC Combiner TX8-DCB18  | String TX8-DCB18-STR8 | 59,752  | 60,906   | 120,658  | 1141,000           | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 |
| String TX8-DCB18-STR9  |                        | 29,903                | 31,057  | 60,960   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,413%  |
| String TX8-DCB18-STR10 |                        | 44,711                | 45,865  | 90,576   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,613%  |
| String TX8-DCB18-STR11 |                        | 59,039                | 60,193  | 119,232  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,807%  |
| String TX8-DCB18-STR12 |                        | 73,367                | 74,521  | 147,888  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 1,001%  |
| String TX8-DCB18-STR13 |                        | 87,695                | 88,849  | 176,544  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 1,196%  |
| String TX8-DCB18-STR14 |                        | 69,473                | 71,058  | 140,531  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,952%  |
| String TX8-DCB18-STR15 |                        | 83,887                | 85,300  | 169,187  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 1,146%  |
| String TX8-DCB18-STR16 |                        | 98,388                | 99,542  | 197,930  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 1,340%  |
| String TX8-DCB19-STR1  |                        | 37,487                | 38,434  | 75,921   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,514%  |
| String TX8-DCB19-STR2  |                        | 22,886                | 23,419  | 46,305   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,314%  |
| String TX8-DCB19-STR3  |                        | 59,752                | 60,906  | 120,658  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,817%  |
| String TX8-DCB19-STR4  |                        | 45,423                | 46,577  | 92,000   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,623%  |
| String TX8-DCB19-STR5  |                        | 31,095                | 32,249  | 63,344   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,429%  |
| String TX8-DCB19-STR6  |                        | 16,767                | 17,922  | 34,689   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,235%  |
| String TX8-DCB19-STR7  |                        | 1,959                 | 3,113   | 5,072    | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,034%  |
| String TX8-DCB19-STR8  | 53,180                 | 54,541                | 107,721 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,729%             |         |
| DC Combiner TX8-DCB19  | String TX8-DCB19-STR9  | 38,644                | 40,420  | 79,064   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,535%  |
|                        | String TX8-DCB19-STR10 | 23,629                | 25,819  | 49,448   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,335%  |
|                        | String TX9-DCB1-STR1   | 162,333               | 161,055 | 323,388  | 1141,000 | 15,18              | H1Z222-K - 2x(1x6) | 33,1398            | 1,459%  |
|                        | String TX9-DCB1-STR2   | 1,960                 | 3,113   | 5,073    | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,034%  |
|                        | String TX9-DCB1-STR3   | 16,288                | 17,442  | 33,730   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,228%  |
|                        | String TX9-DCB1-STR4   | 30,616                | 31,770  | 62,386   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,422%  |
|                        | String TX9-DCB1-STR5   | 44,944                | 46,098  | 91,042   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,617%  |
|                        | String TX9-DCB1-STR6   | 59,272                | 60,426  | 119,698  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,811%  |
|                        | String TX9-DCB1-STR7   | 73,600                | 74,754  | 148,354  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 1,005%  |
|                        | String TX9-DCB1-STR8   | 87,928                | 89,082  | 177,010  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 1,199%  |
|                        | String TX9-DCB1-STR9   | 102,256               | 103,410 | 205,666  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 1,393%  |
|                        | String TX9-DCB1-STR10  | 116,584               | 117,738 | 234,322  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 1,587%  |
|                        | String TX9-DCB1-STR11  | 206,767               | 208,290 | 415,057  | 1141,000 | 15,18              | H1Z222-K - 2x(1x6) | 33,1398            | 1,872%  |
|                        | String TX9-DCB1-STR12  | 220,545               | 219,391 | 439,936  | 1141,000 | 15,18              | H1Z222-K - 2x(1x6) | 33,1398            | 1,984%  |
|                        | String TX9-DCB1-STR13  | 206,014               | 205,470 | 411,484  | 1141,000 | 15,18              | H1Z222-K - 2x(1x6) | 33,1398            | 1,856%  |
|                        | DC Combiner TX9-DCB1   | String TX9-DCB1-STR14 | 191,483 | 191,345  | 382,828  | 1141,000           | 15,18              | H1Z222-K - 2x(1x6) | 33,1398 |
| String TX9-DCB1-STR15  |                        | 176,951               | 177,220 | 354,171  | 1141,000 | 15,18              | H1Z222-K - 2x(1x6) | 33,1398            | 1,597%  |
| String TX9-DCB1-STR16  |                        | 162,420               | 163,095 | 325,515  | 1141,000 | 15,18              | H1Z222-K - 2x(1x6) | 33,1398            | 1,468%  |
| String TX9-DCB2-STR1   |                        | 14,653                | 13,500  | 28,153   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,191%  |
| String TX9-DCB2-STR2   |                        | 28,982                | 27,827  | 56,809   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,385%  |
| String TX9-DCB2-STR3   |                        | 49,535                | 50,689  | 100,224  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,679%  |
| String TX9-DCB2-STR4   |                        | 63,863                | 65,017  | 128,880  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,873%  |
| String TX9-DCB2-STR5   |                        | 78,191                | 79,345  | 157,536  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 1,067%  |
| String TX9-DCB2-STR6   |                        | 92,519                | 93,673  | 186,192  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 1,261%  |
| String TX9-DCB2-STR7   |                        | 106,847               | 108,001 | 214,848  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 1,455%  |
| String TX9-DCB2-STR8   |                        | 29,455                | 28,180  | 57,635   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,390%  |
| String TX9-DCB2-STR9   |                        | 43,904                | 43,475  | 87,379   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,592%  |
| String TX9-DCB2-STR10  |                        | 51,474                | 52,991  | 104,465  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,707%  |
| String TX9-DCB2-STR11  |                        | 65,923                | 67,198  | 133,121  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,901%  |
| String TX9-DCB2-STR12  |                        | 79,568                | 81,810  | 161,378  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 1,093%  |
| String TX9-DCB2-STR13  |                        | 94,017                | 96,017  | 190,034  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 1,287%  |
| DC Combiner TX9-DCB2   | String TX9-DCB2-STR14  | 108,465               | 110,224 | 218,689  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 1,481%  |
|                        | String TX9-DCB2-STR15  | 122,914               | 124,431 | 247,345  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 1,675%  |
|                        | String TX9-DCB2-STR16  | 137,363               | 138,638 | 276,001  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 1,869%  |
|                        | String TX9-DCB3-STR1   | 136,427               | 137,581 | 274,008  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 1,856%  |
|                        | String TX9-DCB3-STR2   | 150,755               | 151,909 | 302,664  | 1141,000 | 15,18              | H1Z222-K - 2x(1x6) | 33,1398            | 1,365%  |
|                        | String TX9-DCB3-STR3   | 165,083               | 166,237 | 331,320  | 1141,000 | 15,18              | H1Z222-K - 2x(1x6) | 33,1398            | 1,494%  |
|                        | String TX9-DCB3-STR4   | 179,411               | 180,565 | 359,976  | 1141,000 | 15,18              | H1Z222-K - 2x(1x6) | 33,1398            | 1,624%  |
|                        | String TX9-DCB3-STR5   | 47,133                | 44,504  | 91,637   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816            | 0,621%  |

|  |                       |         |         |         |          |       |                    |         |        |
|--|-----------------------|---------|---------|---------|----------|-------|--------------------|---------|--------|
|  | String TX9-DCB3-STR6  | 53,407  | 54,771  | 108,178 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,733% |
|  | String TX9-DCB3-STR7  | 68,367  | 68,268  | 136,635 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,925% |
|  | String TX9-DCB3-STR8  | 81,652  | 84,281  | 165,933 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,124% |
|  | String TX9-DCB3-STR9  | 96,191  | 98,398  | 194,589 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,318% |
|  | String TX9-DCB3-STR10 | 110,729 | 112,515 | 223,244 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,512% |
|  | String TX9-DCB3-STR11 | 125,268 | 126,633 | 251,901 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,706% |
|  | String TX9-DCB3-STR12 | 138,554 | 141,603 | 280,157 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,897% |
|  | String TX9-DCB3-STR13 | 153,092 | 155,721 | 308,813 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,393% |
|  | String TX9-DCB3-STR14 | 167,631 | 169,838 | 337,469 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,522% |
|  | String TX9-DCB3-STR15 | 182,169 | 183,955 | 366,124 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,651% |
|  | String TX9-DCB3-STR16 | 196,919 | 198,073 | 394,992 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,781% |
|  | String TX9-DCB4-STR1  | 34,564  | 33,621  | 68,185  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,462% |
|  | String TX9-DCB4-STR2  | 11,341  | 10,187  | 21,528  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,146% |
|  | String TX9-DCB4-STR3  | 25,669  | 24,515  | 50,184  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,340% |
|  | String TX9-DCB4-STR4  | 33,310  | 34,464  | 67,774  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,459% |
|  | String TX9-DCB4-STR5  | 47,638  | 48,792  | 96,430  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,653% |
|  | String TX9-DCB4-STR6  | 61,966  | 63,120  | 125,086 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,847% |
|  | String TX9-DCB4-STR7  | 76,294  | 77,448  | 153,742 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,041% |
|  | String TX9-DCB4-STR8  | 90,622  | 91,776  | 182,398 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,235% |
|  | String TX9-DCB4-STR9  | 104,950 | 106,104 | 211,054 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,429% |
|  | String TX9-DCB4-STR10 | 119,278 | 120,432 | 239,710 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,623% |
|  | String TX9-DCB4-STR11 | 133,606 | 134,760 | 268,366 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,817% |
|  | String TX9-DCB4-STR12 | 147,934 | 149,088 | 297,022 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,340% |
|  | String TX9-DCB4-STR13 | 162,262 | 163,416 | 325,678 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,469% |
|  | String TX9-DCB4-STR14 | 176,590 | 177,744 | 354,334 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,598% |
|  | String TX9-DCB4-STR15 | 171,045 | 172,830 | 343,875 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,551% |
|  | String TX9-DCB4-STR16 | 185,583 | 186,948 | 372,531 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,680% |
|  | String TX9-DCB5-STR1  | 8,872   | 7,718   | 16,590  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,112% |
|  | String TX9-DCB5-STR2  | 23,200  | 22,046  | 45,246  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,306% |
|  | String TX9-DCB5-STR3  | 30,952  | 32,106  | 63,058  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,427% |
|  | String TX9-DCB5-STR4  | 45,280  | 46,434  | 91,714  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,621% |
|  | String TX9-DCB5-STR5  | 59,608  | 60,762  | 120,370 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,815% |
|  | String TX9-DCB5-STR6  | 73,936  | 75,090  | 149,026 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,009% |
|  | String TX9-DCB5-STR7  | 88,264  | 89,418  | 177,682 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,203% |
|  | String TX9-DCB5-STR8  | 102,592 | 103,746 | 206,338 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,397% |
|  | String TX9-DCB5-STR9  | 116,920 | 118,074 | 234,994 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,591% |
|  | String TX9-DCB5-STR10 | 131,248 | 132,402 | 263,650 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,785% |
|  | String TX9-DCB5-STR11 | 37,431  | 36,067  | 73,498  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,498% |
|  | String TX9-DCB5-STR12 | 52,401  | 49,353  | 101,754 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,689% |
|  | String TX9-DCB5-STR13 | 58,581  | 61,208  | 119,789 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|  | String TX9-DCB5-STR14 | 73,119  | 75,326  | 148,445 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|  | String TX9-DCB5-STR15 | 87,658  | 89,443  | 177,101 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,199% |
|  | String TX9-DCB5-STR16 | 102,196 | 103,561 | 205,757 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,393% |
|  | String TX9-DCB6-STR1  | 85,905  | 87,059  | 172,964 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,171% |
|  | String TX9-DCB6-STR2  | 100,233 | 101,387 | 201,620 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,365% |
|  | String TX9-DCB6-STR3  | 114,561 | 115,715 | 230,276 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,559% |
|  | String TX9-DCB6-STR4  | 128,889 | 130,043 | 258,932 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,753% |
|  | String TX9-DCB6-STR5  | 143,217 | 144,371 | 287,588 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,947% |
|  | String TX9-DCB6-STR6  | 157,545 | 158,699 | 316,244 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,426% |
|  | String TX9-DCB6-STR7  | 62,404  | 62,305  | 124,709 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,845% |
|  | String TX9-DCB6-STR8  | 75,690  | 78,317  | 154,007 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,043% |
|  | String TX9-DCB6-STR9  | 90,228  | 92,435  | 182,663 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,237% |
|  | String TX9-DCB6-STR10 | 104,767 | 106,552 | 211,319 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,431% |
|  | String TX9-DCB6-STR11 | 119,305 | 120,670 | 239,975 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,625% |
|  | String TX9-DCB6-STR12 | 132,591 | 135,640 | 268,231 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,816% |
|  | String TX9-DCB6-STR13 | 147,130 | 149,757 | 296,887 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,339% |
|  | String TX9-DCB6-STR14 | 161,668 | 163,875 | 325,543 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,468% |
|  | String TX9-DCB6-STR15 | 176,207 | 177,992 | 354,199 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,597% |
|  | String TX9-DCB6-STR16 | 190,956 | 192,110 | 383,066 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,728% |
|  | String TX9-DCB7-STR1  | 43,719  | 43,917  | 87,636  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,589% |
|  | String TX9-DCB7-STR2  | 58,258  | 57,314  | 115,572 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,783% |
|  | String TX9-DCB7-STR3  | 16,297  | 15,143  | 31,440  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,213% |
|  | String TX9-DCB7-STR4  | 1,969   | 1,670   | 3,639   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,025% |
|  | String TX9-DCB7-STR5  | 24,326  | 25,480  | 49,806  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,337% |
|  | String TX9-DCB7-STR6  | 38,654  | 39,808  | 78,462  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,531% |
|  | String TX9-DCB7-STR7  | 52,982  | 54,136  | 107,118 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,725% |
|  | String TX9-DCB7-STR8  | 67,310  | 68,464  | 135,774 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,919% |
|  | String TX9-DCB7-STR9  | 81,638  | 82,792  | 164,430 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,113% |
|  | String TX9-DCB7-STR10 | 95,966  | 97,120  | 193,086 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,308% |
|  | String TX9-DCB7-STR11 | 110,294 | 111,448 | 221,742 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,502% |
|  | String TX9-DCB7-STR12 | 124,622 | 125,776 | 250,398 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,696% |



|  |                        |         |         |         |          |       |                     |         |        |
|--|------------------------|---------|---------|---------|----------|-------|---------------------|---------|--------|
|  | String TX9-DCB7-STR13  | 138,950 | 140,104 | 279,054 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 1,890% |
|  | String TX9-DCB7-STR14  | 153,112 | 153,003 | 306,115 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6)  | 33,1398 | 1,381% |
|  | String TX9-DCB7-STR15  | 167,229 | 167,541 | 334,770 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6)  | 33,1398 | 1,510% |
|  | String TX9-DCB7-STR16  | 181,347 | 182,290 | 363,637 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6)  | 33,1398 | 1,640% |
|  | String TX9-DCB8-STR1   | 251,917 | 250,835 | 502,752 | 1141,000 | 15,18 | H1Z222-K - 2x(1x10) | 45,9306 | 1,304% |
|  | String TX9-DCB8-STR2   | 266,042 | 266,992 | 533,034 | 1141,000 | 15,18 | H1Z222-K - 2x(1x10) | 45,9306 | 1,383% |
|  | String TX9-DCB8-STR3   | 241,451 | 242,940 | 484,391 | 1141,000 | 15,18 | H1Z222-K - 2x(1x10) | 45,9306 | 1,257% |
|  | String TX9-DCB8-STR4   | 226,920 | 227,389 | 454,309 | 1141,000 | 15,18 | H1Z222-K - 2x(1x10) | 45,9306 | 1,179% |
|  | String TX9-DCB8-STR5   | 214,117 | 212,759 | 426,876 | 1141,000 | 15,18 | H1Z222-K - 2x(1x10) | 45,9306 | 1,107% |
|  | String TX9-DCB8-STR6   | 199,992 | 198,228 | 398,220 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6)  | 33,1398 | 1,796% |
|  | String TX9-DCB8-STR7   | 185,867 | 183,697 | 369,564 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6)  | 33,1398 | 1,667% |
|  | String TX9-DCB8-STR8   | 171,742 | 169,166 | 340,908 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6)  | 33,1398 | 1,538% |
|  | String TX9-DCB8-STR9   | 1,960   | 3,114   | 5,074   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,034% |
|  | String TX9-DCB8-STR10  | 16,288  | 17,442  | 33,730  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,228% |
|  | String TX9-DCB8-STR11  | 30,616  | 31,770  | 62,386  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,422% |
|  | String TX9-DCB8-STR12  | 44,944  | 46,098  | 91,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,617% |
|  | String TX9-DCB8-STR13  | 59,272  | 60,426  | 119,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,811% |
|  | String TX9-DCB8-STR14  | 73,600  | 74,754  | 148,354 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 1,005% |
|  | String TX9-DCB8-STR15  | 83,642  | 84,965  | 168,607 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 1,142% |
|  | String TX9-DCB8-STR16  | 98,083  | 99,237  | 197,320 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 1,336% |
|  | String TX9-DCB9-STR1   | 16,974  | 16,728  | 33,702  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,228% |
|  | String TX9-DCB9-STR2   | 31,102  | 31,256  | 62,358  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,422% |
|  | String TX9-DCB9-STR3   | 45,230  | 45,784  | 91,014  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,616% |
|  | String TX9-DCB9-STR4   | 59,358  | 60,312  | 119,670 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,810% |
|  | String TX9-DCB9-STR5   | 1,959   | 3,113   | 5,072   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,034% |
|  | String TX9-DCB9-STR6   | 16,287  | 17,442  | 33,729  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,228% |
|  | String TX9-DCB9-STR7   | 30,616  | 31,769  | 62,385  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,422% |
|  | String TX9-DCB9-STR8   | 44,944  | 46,098  | 91,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,617% |
|  | String TX9-DCB9-STR9   | 59,272  | 60,426  | 119,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,811% |
|  | String TX9-DCB9-STR10  | 73,600  | 74,754  | 148,354 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 1,005% |
|  | String TX9-DCB9-STR11  | 16,374  | 17,728  | 34,102  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,231% |
|  | String TX9-DCB9-STR12  | 29,902  | 32,456  | 62,358  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,422% |
|  | String TX9-DCB9-STR13  | 44,430  | 46,584  | 91,014  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,616% |
|  | String TX9-DCB9-STR14  | 58,958  | 60,712  | 119,670 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,810% |
|  | String TX9-DCB9-STR15  | 73,486  | 74,840  | 148,326 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 1,004% |
|  | String TX9-DCB9-STR16  | 24,974  | 27,928  | 52,902  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,358% |
|  | String TX9-DCB10-STR1  | 31,302  | 31,056  | 62,358  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,422% |
|  | String TX9-DCB10-STR2  | 45,430  | 45,584  | 91,014  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,616% |
|  | String TX9-DCB10-STR3  | 59,558  | 60,112  | 119,670 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,810% |
|  | String TX9-DCB10-STR4  | 73,486  | 74,640  | 148,126 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 1,003% |
|  | String TX9-DCB10-STR5  | 1,960   | 3,114   | 5,074   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,034% |
|  | String TX9-DCB10-STR6  | 16,288  | 17,442  | 33,730  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,228% |
|  | String TX9-DCB10-STR7  | 30,616  | 31,770  | 62,386  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,422% |
|  | String TX9-DCB10-STR8  | 44,944  | 46,098  | 91,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,617% |
|  | String TX9-DCB10-STR9  | 59,272  | 60,426  | 119,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,811% |
|  | String TX9-DCB10-STR10 | 16,174  | 17,928  | 34,102  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,231% |
|  | String TX9-DCB10-STR11 | 30,702  | 32,056  | 62,758  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,425% |
|  | String TX9-DCB10-STR12 | 44,030  | 46,984  | 91,014  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,616% |
|  | String TX9-DCB10-STR13 | 58,758  | 60,912  | 119,670 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,810% |
|  | String TX9-DCB10-STR14 | 73,486  | 74,840  | 148,326 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 1,004% |
|  | String TX9-DCB10-STR15 | 53,830  | 56,384  | 110,214 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,746% |
|  | String TX9-DCB10-STR16 | 68,558  | 70,312  | 138,870 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,940% |
|  | String TX9-DCB11-STR1  | 51,375  | 52,729  | 104,104 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,705% |
|  | String TX9-DCB11-STR2  | 36,847  | 38,601  | 75,448  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,511% |
|  | String TX9-DCB11-STR3  | 16,288  | 17,442  | 33,730  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,228% |
|  | String TX9-DCB11-STR4  | 1,960   | 3,114   | 5,074   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,034% |
|  | String TX9-DCB12-STR1  | 218,828 | 220,610 | 439,438 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6)  | 33,1398 | 1,982% |
|  | String TX9-DCB12-STR2  | 55,260  | 53,895  | 109,155 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,739% |
|  | String TX9-DCB12-STR3  | 40,510  | 41,254  | 81,764  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,554% |
|  | String TX9-DCB12-STR4  | 74,214  | 73,270  | 147,484 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,999% |
|  | String TX9-DCB12-STR5  | 59,676  | 59,153  | 118,829 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,805% |
|  | String TX9-DCB12-STR6  | 46,189  | 45,246  | 91,435  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,619% |
|  | String TX9-DCB12-STR7  | 31,430  | 30,486  | 61,916  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,419% |
|  | String TX9-DCB12-STR8  | 57,638  | 56,484  | 114,122 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,773% |
|  | String TX9-DCB12-STR9  | 43,309  | 42,156  | 85,465  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,579% |
|  | String TX9-DCB12-STR10 | 28,982  | 27,827  | 56,809  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,385% |
|  | String TX9-DCB12-STR11 | 14,653  | 13,499  | 28,152  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,191% |
|  | String TX9-DCB12-STR12 | 45,768  | 44,404  | 90,172  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,611% |
|  | String TX9-DCB12-STR13 | 31,651  | 29,655  | 61,306  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,415% |
|  | String TX9-DCB12-STR14 | 71,066  | 70,124  | 141,190 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,956% |
|  | String TX9-DCB12-STR15 | 56,681  | 55,738  | 112,419 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4)  | 25,5816 | 0,761% |

|                       |                        |         |         |         |          |       |                    |         |        |
|-----------------------|------------------------|---------|---------|---------|----------|-------|--------------------|---------|--------|
|                       | String TX9-DCB12-STR16 | 41,085  | 41,622  | 82,707  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,560% |
| DC Combiner TX9-DCB13 | String TX9-DCB13-STR1  | 60,063  | 58,697  | 118,760 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,804% |
|                       | String TX9-DCB13-STR2  | 75,459  | 73,448  | 148,907 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,008% |
|                       | String TX9-DCB13-STR3  | 99,738  | 102,161 | 201,899 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,367% |
|                       | String TX9-DCB13-STR4  | 115,182 | 116,124 | 231,306 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,566% |
|                       | String TX9-DCB13-STR5  | 100,220 | 102,219 | 202,439 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,371% |
|                       | String TX9-DCB13-STR6  | 85,469  | 88,314  | 173,783 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,177% |
|                       | String TX9-DCB13-STR7  | 121,318 | 122,472 | 243,790 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,651% |
|                       | String TX9-DCB13-STR8  | 106,990 | 108,144 | 215,134 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,457% |
|                       | String TX9-DCB13-STR9  | 92,662  | 93,816  | 186,478 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,263% |
|                       | String TX9-DCB13-STR10 | 78,334  | 79,488  | 157,822 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,069% |
|                       | String TX9-DCB13-STR11 | 98,805  | 100,010 | 198,815 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,346% |
|                       | String TX9-DCB13-STR12 | 84,426  | 85,733  | 170,159 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,152% |
|                       | String TX9-DCB13-STR13 | 155,968 | 157,122 | 313,090 | 1141,000 | 15,18 | H1Z222-K - 2x(1x6) | 33,1398 | 1,412% |
|                       | String TX9-DCB13-STR14 | 141,741 | 142,692 | 284,433 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,926% |
|                       | String TX9-DCB13-STR15 | 127,109 | 128,618 | 255,727 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,732% |
|                       | String TX9-DCB13-STR16 | 112,730 | 114,341 | 227,071 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,538% |
| DC Combiner TX9-DCB14 | String TX9-DCB14-STR1  | 116,656 | 117,610 | 234,266 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,586% |
|                       | String TX9-DCB14-STR2  | 101,728 | 103,682 | 205,410 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,391% |
|                       | String TX9-DCB14-STR3  | 88,600  | 88,354  | 176,954 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,198% |
|                       | String TX9-DCB14-STR4  | 74,472  | 73,826  | 148,298 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,004% |
|                       | String TX9-DCB14-STR5  | 59,544  | 60,498  | 120,042 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,813% |
|                       | String TX9-DCB14-STR6  | 45,416  | 45,970  | 91,386  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,619% |
|                       | String TX9-DCB14-STR7  | 31,287  | 31,442  | 62,729  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,425% |
|                       | String TX9-DCB14-STR8  | 17,159  | 16,914  | 34,073  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,231% |
|                       | String TX9-DCB14-STR9  | 73,600  | 74,754  | 148,354 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|                       | String TX9-DCB14-STR10 | 59,271  | 60,426  | 119,697 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|                       | String TX9-DCB14-STR11 | 44,944  | 46,098  | 91,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|                       | String TX9-DCB14-STR12 | 30,615  | 31,770  | 62,385  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|                       | String TX9-DCB14-STR13 | 16,287  | 17,442  | 33,729  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|                       | String TX9-DCB14-STR14 | 1,959   | 3,114   | 5,073   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                       | String TX9-DCB14-STR15 | 59,344  | 60,498  | 119,842 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,812% |
|                       | String TX9-DCB14-STR16 | 45,415  | 45,770  | 91,185  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
| DC Combiner TX9-DCB15 | String TX9-DCB15-STR1  | 42,904  | 42,448  | 85,352  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,578% |
|                       | String TX9-DCB15-STR2  | 27,828  | 29,444  | 57,272  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,388% |
|                       | String TX9-DCB15-STR3  | 61,278  | 62,291  | 123,569 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,837% |
|                       | String TX9-DCB15-STR4  | 46,527  | 48,245  | 94,772  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,642% |
|                       | String TX9-DCB15-STR5  | 32,681  | 33,071  | 65,752  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,445% |
|                       | String TX9-DCB15-STR6  | 18,071  | 19,789  | 37,860  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,256% |
|                       | String TX9-DCB15-STR7  | 44,944  | 46,098  | 91,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|                       | String TX9-DCB15-STR8  | 30,616  | 31,769  | 62,385  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|                       | String TX9-DCB15-STR9  | 16,287  | 17,442  | 33,729  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|                       | String TX9-DCB15-STR10 | 1,959   | 3,113   | 5,072   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                       | String TX9-DCB15-STR11 | 63,152  | 63,872  | 127,024 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,860% |
|                       | String TX9-DCB15-STR12 | 48,372  | 48,675  | 97,047  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,657% |
|                       | String TX9-DCB15-STR13 | 33,827  | 35,633  | 69,460  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,470% |
|                       | String TX9-DCB15-STR14 | 19,282  | 21,522  | 40,804  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,276% |
|                       | String TX9-DCB15-STR15 | 71,085  | 72,609  | 143,694 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,973% |
|                       | String TX9-DCB15-STR16 | 57,527  | 58,837  | 116,364 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,788% |
| DC Combiner TX9-DCB16 | String TX9-DCB16-STR1  | 40,418  | 42,172  | 82,590  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,559% |
|                       | String TX9-DCB16-STR2  | 25,690  | 27,644  | 53,334  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,361% |
|                       | String TX9-DCB16-STR3  | 59,671  | 60,425  | 120,096 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,813% |
|                       | String TX9-DCB16-STR4  | 44,343  | 45,697  | 90,040  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,610% |
|                       | String TX9-DCB16-STR5  | 30,615  | 32,169  | 62,784  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,425% |
|                       | String TX9-DCB16-STR6  | 15,887  | 18,242  | 34,129  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,231% |
|                       | String TX9-DCB16-STR7  | 44,943  | 46,098  | 91,041  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|                       | String TX9-DCB16-STR8  | 30,615  | 31,770  | 62,385  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|                       | String TX9-DCB16-STR9  | 16,287  | 17,442  | 33,729  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|                       | String TX9-DCB16-STR10 | 1,959   | 3,113   | 5,072   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                       | String TX9-DCB16-STR11 | 45,556  | 45,910  | 91,466  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,619% |
|                       | String TX9-DCB16-STR12 | 31,428  | 32,182  | 63,610  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,431% |
|                       | String TX9-DCB16-STR13 | 17,300  | 17,253  | 34,553  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,234% |
|                       | String TX9-DCB16-STR14 | 57,428  | 58,582  | 116,010 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,786% |
|                       | String TX9-DCB16-STR15 | 42,300  | 44,854  | 87,154  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,590% |
|                       | String TX9-DCB16-STR16 | 28,572  | 30,326  | 58,898  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,399% |
| DC Combiner TX9-DCB17 | String TX9-DCB17-STR1  | 89,190  | 90,144  | 179,334 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,214% |
|                       | String TX9-DCB17-STR2  | 74,262  | 76,216  | 150,478 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,019% |
|                       | String TX9-DCB17-STR3  | 59,934  | 62,288  | 122,222 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,828% |
|                       | String TX9-DCB17-STR4  | 68,024  | 68,577  | 136,601 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,925% |
|                       | String TX9-DCB17-STR5  | 53,095  | 55,850  | 108,945 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,738% |
|                       | String TX9-DCB17-STR6  | 61,185  | 62,739  | 123,924 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,839% |

|                       |                        |         |         |         |          |       |                    |         |        |
|-----------------------|------------------------|---------|---------|---------|----------|-------|--------------------|---------|--------|
| DC Combiner TX9-DCB17 | String TX9-DCB17-STR7  | 47,457  | 49,411  | 96,868  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,656% |
|                       | String TX9-DCB17-STR8  | 55,359  | 56,713  | 112,072 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,759% |
|                       | String TX9-DCB17-STR9  | 40,631  | 42,185  | 82,816  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,561% |
|                       | String TX9-DCB17-STR10 | 33,823  | 35,778  | 69,601  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,471% |
|                       | String TX9-DCB17-STR11 | 22,465  | 23,619  | 46,084  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,312% |
|                       | String TX9-DCB17-STR12 | 1,960   | 3,113   | 5,073   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                       | String TX9-DCB17-STR13 | 16,276  | 18,030  | 34,306  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,232% |
|                       | String TX9-DCB17-STR14 | 25,279  | 27,833  | 53,112  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,360% |
|                       | String TX9-DCB17-STR15 | 36,081  | 37,035  | 73,116  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,495% |
|                       | String TX9-DCB17-STR16 | 45,098  | 46,452  | 91,550  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,620% |
| DC Combiner TX9-DCB18 | String TX9-DCB18-STR1  | 16,103  | 17,457  | 33,560  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,227% |
|                       | String TX9-DCB18-STR2  | 1,959   | 3,114   | 5,073   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
| DC Combiner TX10-DCB1 | String TX10-DCB1-STR1  | 114,017 | 113,069 | 227,086 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,538% |
|                       | String TX10-DCB1-STR2  | 91,699  | 89,988  | 181,687 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,230% |
|                       | String TX10-DCB1-STR3  | 105,791 | 106,229 | 212,020 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,436% |
|                       | String TX10-DCB1-STR4  | 103,332 | 102,795 | 206,127 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,396% |
|                       | String TX10-DCB1-STR5  | 1,960   | 3,114   | 5,074   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|                       | String TX10-DCB1-STR6  | 16,768  | 17,921  | 34,689  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,235% |
|                       | String TX10-DCB1-STR7  | 31,096  | 32,250  | 63,346  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,429% |
|                       | String TX10-DCB1-STR8  | 45,424  | 46,578  | 92,002  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,623% |
|                       | String TX10-DCB1-STR9  | 59,752  | 60,906  | 120,658 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,817% |
|                       | String TX10-DCB1-STR10 | 28,704  | 29,240  | 57,944  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,392% |
|                       | String TX10-DCB1-STR11 | 43,451  | 42,749  | 86,200  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,584% |
|                       | String TX10-DCB1-STR12 | 57,573  | 57,283  | 114,856 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,778% |
|                       | String TX10-DCB1-STR13 | 71,694  | 71,817  | 143,511 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,972% |
|                       | String TX10-DCB1-STR14 | 85,816  | 86,352  | 172,168 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,166% |
|                       | String TX10-DCB1-STR15 | 99,938  | 100,886 | 200,824 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,360% |
|                       | String TX10-DCB1-STR16 | 41,089  | 39,935  | 81,024  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,549% |
| DC Combiner TX10-DCB2 | String TX10-DCB2-STR1  | 41,266  | 40,318  | 81,584  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,552% |
|                       | String TX10-DCB2-STR2  | 144,517 | 145,694 | 290,211 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,965% |
|                       | String TX10-DCB2-STR3  | 4,449   | 5,603   | 10,052  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,068% |
|                       | String TX10-DCB2-STR4  | 18,777  | 19,931  | 38,708  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,262% |
|                       | String TX10-DCB2-STR5  | 33,105  | 34,259  | 67,364  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,456% |
|                       | String TX10-DCB2-STR6  | 47,433  | 48,587  | 96,020  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,650% |
|                       | String TX10-DCB2-STR7  | 61,761  | 62,915  | 124,676 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,844% |
|                       | String TX10-DCB2-STR8  | 76,089  | 77,243  | 153,332 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,038% |
|                       | String TX10-DCB2-STR9  | 14,654  | 13,500  | 28,154  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,191% |
|                       | String TX10-DCB2-STR10 | 28,982  | 27,828  | 56,810  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,385% |
|                       | String TX10-DCB2-STR11 | 43,310  | 42,156  | 85,466  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,579% |
|                       | String TX10-DCB2-STR12 | 57,638  | 56,484  | 114,122 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,773% |
|                       | String TX10-DCB2-STR13 | 135,178 | 136,344 | 271,522 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,839% |
|                       | String TX10-DCB2-STR14 | 57,331  | 58,485  | 115,816 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,784% |
|                       | String TX10-DCB2-STR15 | 71,659  | 72,813  | 144,472 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,978% |
|                       | String TX10-DCB2-STR16 | 85,987  | 87,141  | 173,128 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,172% |
| DC Combiner TX10-DCB3 | String TX10-DCB3-STR1  | 4,449   | 5,603   | 10,052  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,068% |
|                       | String TX10-DCB3-STR2  | 18,777  | 19,931  | 38,708  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,262% |
|                       | String TX10-DCB3-STR3  | 33,105  | 34,259  | 67,364  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,456% |
|                       | String TX10-DCB3-STR4  | 14,653  | 13,500  | 28,153  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,191% |
|                       | String TX10-DCB3-STR5  | 28,982  | 27,827  | 56,809  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,385% |
|                       | String TX10-DCB3-STR6  | 43,309  | 42,155  | 85,464  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,579% |
|                       | String TX10-DCB3-STR7  | 57,638  | 56,484  | 114,122 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,773% |
|                       | String TX10-DCB3-STR8  | 72,446  | 71,292  | 143,738 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,973% |
|                       | String TX10-DCB3-STR9  | 118,873 | 120,027 | 238,900 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,618% |
|                       | String TX10-DCB3-STR10 | 133,201 | 134,355 | 267,556 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,812% |
|                       | String TX10-DCB3-STR11 | 85,062  | 83,290  | 168,352 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,140% |
|                       | String TX10-DCB3-STR12 | 99,184  | 97,824  | 197,008 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,334% |
|                       | String TX10-DCB3-STR13 | 103,732 | 104,680 | 208,412 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,411% |
|                       | String TX10-DCB3-STR14 | 116,823 | 118,596 | 235,419 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,594% |
|                       | String TX10-DCB3-STR15 | 130,332 | 133,342 | 263,674 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,786% |
|                       | String TX10-DCB3-STR16 | 145,073 | 147,258 | 292,331 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,980% |
| DC Combiner TX10-DCB4 | String TX10-DCB4-STR1  | 4,449   | 5,603   | 10,052  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,068% |
|                       | String TX10-DCB4-STR2  | 18,777  | 19,931  | 38,708  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,262% |
|                       | String TX10-DCB4-STR3  | 33,105  | 34,259  | 67,364  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,456% |
|                       | String TX10-DCB4-STR4  | 47,433  | 48,587  | 96,020  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,650% |
|                       | String TX10-DCB4-STR5  | 61,761  | 62,915  | 124,676 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,844% |
|                       | String TX10-DCB4-STR6  | 76,089  | 77,243  | 153,332 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,038% |
|                       | String TX10-DCB4-STR7  | 14,653  | 13,500  | 28,153  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,191% |
|                       | String TX10-DCB4-STR8  | 28,981  | 27,827  | 56,808  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,385% |
|                       | String TX10-DCB4-STR9  | 43,310  | 42,156  | 85,466  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,579% |
|                       | String TX10-DCB4-STR10 | 57,638  | 56,484  | 114,122 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,773% |
|                       | String TX10-DCB4-STR11 | 14,747  | 15,901  | 30,648  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,208% |

|  |                        |         |         |         |          |       |                    |         |        |
|--|------------------------|---------|---------|---------|----------|-------|--------------------|---------|--------|
|  | String TX10-DCB4-STR12 | 29,075  | 30,029  | 59,104  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,400% |
|  | String TX10-DCB4-STR13 | 43,203  | 44,357  | 87,560  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,593% |
|  | String TX10-DCB4-STR14 | 57,531  | 58,685  | 116,216 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,787% |
|  | String TX10-DCB4-STR15 | 71,659  | 72,813  | 144,472 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,978% |
|  | String TX10-DCB4-STR16 | 85,987  | 87,141  | 173,128 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,172% |
|  | String TX10-DCB5-STR1  | 14,654  | 13,500  | 28,154  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,191% |
|  | String TX10-DCB5-STR2  | 28,982  | 27,828  | 56,810  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,385% |
|  | String TX10-DCB5-STR3  | 43,310  | 42,156  | 85,466  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,579% |
|  | String TX10-DCB5-STR4  | 57,638  | 56,484  | 114,122 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,773% |
|  | String TX10-DCB5-STR5  | 71,966  | 70,812  | 142,778 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,967% |
|  | String TX10-DCB5-STR6  | 86,294  | 85,140  | 171,434 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,161% |
|  | String TX10-DCB5-STR7  | 90,217  | 91,371  | 181,588 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,230% |
|  | String TX10-DCB5-STR8  | 104,545 | 105,699 | 210,244 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,424% |
|  | String TX10-DCB5-STR9  | 14,747  | 15,901  | 30,648  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,208% |
|  | String TX10-DCB5-STR10 | 29,075  | 30,229  | 59,304  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,402% |
|  | String TX10-DCB5-STR11 | 27,750  | 25,978  | 53,728  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,364% |
|  | String TX10-DCB5-STR12 | 42,497  | 39,487  | 81,984  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,555% |
|  | String TX10-DCB5-STR13 | 56,619  | 54,021  | 110,640 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,749% |
|  | String TX10-DCB5-STR14 | 70,534  | 68,762  | 139,296 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,943% |
|  | String TX10-DCB5-STR15 | 85,281  | 82,271  | 167,552 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,135% |
|  | String TX10-DCB5-STR16 | 99,196  | 97,011  | 196,207 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,329% |
|  | String TX10-DCB6-STR1  | 33,105  | 34,259  | 67,364  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,456% |
|  | String TX10-DCB6-STR2  | 47,433  | 48,587  | 96,020  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,650% |
|  | String TX10-DCB6-STR3  | 61,761  | 62,915  | 124,676 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,844% |
|  | String TX10-DCB6-STR4  | 76,089  | 77,243  | 153,332 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,038% |
|  | String TX10-DCB6-STR5  | 14,947  | 16,101  | 31,048  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,210% |
|  | String TX10-DCB6-STR6  | 29,075  | 30,229  | 59,304  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,402% |
|  | String TX10-DCB6-STR7  | 43,403  | 44,557  | 87,960  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,596% |
|  | String TX10-DCB6-STR8  | 57,731  | 58,685  | 116,416 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,788% |
|  | String TX10-DCB6-STR9  | 71,859  | 73,013  | 144,872 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,981% |
|  | String TX10-DCB6-STR10 | 85,987  | 87,141  | 173,128 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,172% |
|  | String TX10-DCB6-STR11 | 26,513  | 26,590  | 53,103  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,360% |
|  | String TX10-DCB6-STR12 | 41,253  | 41,337  | 82,590  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,559% |
|  | String TX10-DCB6-STR13 | 55,994  | 55,252  | 111,246 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,753% |
|  | String TX10-DCB6-STR14 | 69,503  | 69,999  | 139,502 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,945% |
|  | String TX10-DCB6-STR15 | 84,862  | 83,090  | 167,952 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,137% |
|  | String TX10-DCB6-STR16 | 99,196  | 97,011  | 196,207 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,329% |
|  | String TX10-DCB7-STR1  | 4,449   | 5,603   | 10,052  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,068% |
|  | String TX10-DCB7-STR2  | 18,777  | 19,931  | 38,708  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,262% |
|  | String TX10-DCB7-STR3  | 33,105  | 34,259  | 67,364  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,456% |
|  | String TX10-DCB7-STR4  | 47,433  | 48,587  | 96,020  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,650% |
|  | String TX10-DCB7-STR5  | 61,761  | 62,915  | 124,676 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,844% |
|  | String TX10-DCB7-STR6  | 76,089  | 77,243  | 153,332 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,038% |
|  | String TX10-DCB7-STR7  | 14,653  | 13,500  | 28,153  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,191% |
|  | String TX10-DCB7-STR8  | 28,981  | 27,828  | 56,809  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,385% |
|  | String TX10-DCB7-STR9  | 43,309  | 42,156  | 85,465  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,579% |
|  | String TX10-DCB7-STR10 | 57,638  | 56,484  | 114,122 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,773% |
|  | String TX10-DCB7-STR11 | 71,966  | 70,812  | 142,778 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,967% |
|  | String TX10-DCB7-STR12 | 86,294  | 85,140  | 171,434 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,161% |
|  | String TX10-DCB7-STR13 | 43,203  | 44,357  | 87,560  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,593% |
|  | String TX10-DCB7-STR14 | 57,531  | 58,685  | 116,216 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,787% |
|  | String TX10-DCB7-STR15 | 71,659  | 72,813  | 144,472 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,978% |
|  | String TX10-DCB7-STR16 | 85,987  | 87,141  | 173,128 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,172% |
|  | String TX10-DCB8-STR1  | 4,449   | 5,603   | 10,052  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,068% |
|  | String TX10-DCB8-STR2  | 18,777  | 19,931  | 38,708  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,262% |
|  | String TX10-DCB8-STR3  | 14,653  | 13,500  | 28,153  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,191% |
|  | String TX10-DCB8-STR4  | 28,982  | 27,828  | 56,810  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,385% |
|  | String TX10-DCB8-STR5  | 43,310  | 42,156  | 85,466  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,579% |
|  | String TX10-DCB8-STR6  | 57,638  | 56,484  | 114,122 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,773% |
|  | String TX10-DCB8-STR7  | 71,966  | 70,812  | 142,778 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,967% |
|  | String TX10-DCB8-STR8  | 86,294  | 85,140  | 171,434 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,161% |
|  | String TX10-DCB8-STR9  | 14,747  | 15,901  | 30,648  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,208% |
|  | String TX10-DCB8-STR10 | 28,875  | 30,029  | 58,904  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,399% |
|  | String TX10-DCB8-STR11 | 26,313  | 26,390  | 52,703  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,357% |
|  | String TX10-DCB8-STR12 | 41,053  | 41,137  | 82,190  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,557% |
|  | String TX10-DCB8-STR13 | 55,588  | 55,258  | 110,846 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,751% |
|  | String TX10-DCB8-STR14 | 70,122  | 69,380  | 139,502 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,945% |
|  | String TX10-DCB8-STR15 | 85,281  | 82,271  | 167,552 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,135% |
|  | String TX10-DCB8-STR16 | 99,196  | 97,011  | 196,207 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,329% |
|  | String TX10-DCB9-STR1  | 33,105  | 34,259  | 67,364  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,456% |
|  | String TX10-DCB9-STR2  | 47,433  | 48,587  | 96,020  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,650% |

|                         |                         |                        |         |         |          |          |                    |                    |         |        |
|-------------------------|-------------------------|------------------------|---------|---------|----------|----------|--------------------|--------------------|---------|--------|
| DC Combiner TX10-DCB9   | String TX10-DCB9-STR3   | 61,761                 | 62,915  | 124,676 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,844%  |        |
|                         | String TX10-DCB9-STR4   | 76,089                 | 77,243  | 153,332 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,038%  |        |
|                         | String TX10-DCB9-STR5   | 14,747                 | 15,901  | 30,648  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,208%  |        |
|                         | String TX10-DCB9-STR6   | 29,075                 | 30,229  | 59,304  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,402%  |        |
|                         | String TX10-DCB9-STR7   | 43,403                 | 44,557  | 87,960  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,596%  |        |
|                         | String TX10-DCB9-STR8   | 57,531                 | 58,685  | 116,216 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,787%  |        |
|                         | String TX10-DCB9-STR9   | 71,859                 | 73,013  | 144,872 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,981%  |        |
|                         | String TX10-DCB9-STR10  | 85,987                 | 87,141  | 173,128 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,172%  |        |
|                         | String TX10-DCB9-STR11  | 28,163                 | 29,317  | 57,480  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,364%  |        |
|                         | String TX10-DCB9-STR12  | 42,078                 | 43,232  | 85,310  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,558%  |        |
|                         | String TX10-DCB9-STR13  | 56,825                 | 57,979  | 114,804 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,749%  |        |
|                         | String TX10-DCB9-STR14  | 70,740                 | 71,894  | 142,634 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,943%  |        |
|                         | String TX10-DCB9-STR15  | 84,656                 | 85,810  | 170,466 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,137%  |        |
|                         | String TX10-DCB9-STR16  | 99,196                 | 100,350 | 199,546 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,329%  |        |
|                         | DC Combiner TX10-DCB10  | String TX10-DCB10-STR1 | 4,449   | 5,603   | 10,052   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,068% |
|                         |                         | String TX10-DCB10-STR2 | 18,777  | 19,931  | 38,708   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,262% |
| String TX10-DCB10-STR3  |                         | 33,105                 | 34,259  | 67,364  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,456%  |        |
| String TX10-DCB10-STR4  |                         | 47,433                 | 48,587  | 96,020  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,650%  |        |
| String TX10-DCB10-STR5  |                         | 61,761                 | 62,915  | 124,676 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,844%  |        |
| String TX10-DCB10-STR6  |                         | 76,089                 | 77,243  | 153,332 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,038%  |        |
| String TX10-DCB10-STR7  |                         | 14,653                 | 15,807  | 30,460  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,191%  |        |
| String TX10-DCB10-STR8  |                         | 28,982                 | 29,136  | 58,118  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,385%  |        |
| String TX10-DCB10-STR9  |                         | 43,309                 | 43,463  | 86,772  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,579%  |        |
| String TX10-DCB10-STR10 |                         | 57,638                 | 57,792  | 115,430 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,773%  |        |
| String TX10-DCB10-STR11 |                         | 71,966                 | 72,120  | 144,086 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,967%  |        |
| String TX10-DCB10-STR12 |                         | 86,294                 | 86,448  | 172,742 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,161%  |        |
| String TX10-DCB10-STR13 |                         | 43,203                 | 43,357  | 86,560  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,593%  |        |
| String TX10-DCB10-STR14 |                         | 57,531                 | 57,685  | 115,216 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,786%  |        |
| String TX10-DCB10-STR15 |                         | 71,859                 | 72,013  | 143,872 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,978%  |        |
| String TX10-DCB10-STR16 |                         | 85,987                 | 86,141  | 172,128 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,172%  |        |
| DC Combiner TX10-DCB11  | String TX10-DCB11-STR1  | 4,449                  | 5,603   | 10,052  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,068%  |        |
|                         | String TX10-DCB11-STR2  | 18,777                 | 19,931  | 38,708  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,262%  |        |
|                         | String TX10-DCB11-STR3  | 14,654                 | 15,808  | 30,462  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,191%  |        |
|                         | String TX10-DCB11-STR4  | 28,982                 | 29,136  | 58,118  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,385%  |        |
|                         | String TX10-DCB11-STR5  | 43,310                 | 43,464  | 86,774  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,579%  |        |
|                         | String TX10-DCB11-STR6  | 57,638                 | 57,792  | 115,430 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,773%  |        |
|                         | String TX10-DCB11-STR7  | 71,966                 | 72,120  | 144,086 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,967%  |        |
|                         | String TX10-DCB11-STR8  | 86,294                 | 86,448  | 172,742 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,161%  |        |
|                         | String TX10-DCB11-STR9  | 14,547                 | 15,701  | 30,248  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,205%  |        |
|                         | String TX10-DCB11-STR10 | 28,875                 | 29,029  | 57,904  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,399%  |        |
|                         | String TX10-DCB11-STR11 | 27,963                 | 28,117  | 56,080  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,361%  |        |
|                         | String TX10-DCB11-STR12 | 41,878                 | 42,032  | 83,910  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,555%  |        |
|                         | String TX10-DCB11-STR13 | 56,000                 | 56,154  | 112,154 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,749%  |        |
|                         | String TX10-DCB11-STR14 | 70,953                 | 71,107  | 142,060 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,941%  |        |
|                         | String TX10-DCB11-STR15 | 85,075                 | 85,229  | 170,304 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,135%  |        |
|                         | String TX10-DCB11-STR16 | 99,196                 | 99,350  | 198,546 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,329%  |        |
| DC Combiner TX10-DCB12  | String TX10-DCB12-STR1  | 33,105                 | 34,259  | 67,364  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,456%  |        |
|                         | String TX10-DCB12-STR2  | 47,433                 | 48,587  | 96,020  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,650%  |        |
|                         | String TX10-DCB12-STR3  | 61,761                 | 62,915  | 124,676 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,844%  |        |
|                         | String TX10-DCB12-STR4  | 76,089                 | 77,243  | 153,332 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,038%  |        |
|                         | String TX10-DCB12-STR5  | 14,747                 | 15,901  | 30,648  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,208%  |        |
|                         | String TX10-DCB12-STR6  | 29,075                 | 30,229  | 59,304  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,402%  |        |
|                         | String TX10-DCB12-STR7  | 43,203                 | 43,357  | 86,560  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,593%  |        |
|                         | String TX10-DCB12-STR8  | 57,531                 | 57,685  | 115,216 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,787%  |        |
|                         | String TX10-DCB12-STR9  | 71,859                 | 72,013  | 143,872 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,980%  |        |
|                         | String TX10-DCB12-STR10 | 85,987                 | 86,141  | 172,128 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,172%  |        |
|                         | String TX10-DCB12-STR11 | 27,132                 | 27,286  | 54,418  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,365%  |        |
|                         | String TX10-DCB12-STR12 | 40,641                 | 40,795  | 81,436  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,551%  |        |
|                         | String TX10-DCB12-STR13 | 55,381                 | 55,535  | 110,916 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,751%  |        |
|                         | String TX10-DCB12-STR14 | 70,122                 | 70,276  | 140,398 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,945%  |        |
|                         | String TX10-DCB12-STR15 | 83,631                 | 83,785  | 167,416 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,136%  |        |
|                         | String TX10-DCB12-STR16 | 98,372                 | 98,526  | 196,898 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,330%  |        |
| DC Combiner TX10-DCB13  | String TX10-DCB13-STR1  | 4,449                  | 5,603   | 10,052  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,068%  |        |
|                         | String TX10-DCB13-STR2  | 18,777                 | 19,931  | 38,708  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,262%  |        |
|                         | String TX10-DCB13-STR3  | 33,105                 | 34,259  | 67,364  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,456%  |        |
|                         | String TX10-DCB13-STR4  | 47,433                 | 48,587  | 96,020  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,650%  |        |
|                         | String TX10-DCB13-STR5  | 61,761                 | 62,915  | 124,676 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,844%  |        |
|                         | String TX10-DCB13-STR6  | 76,089                 | 77,243  | 153,332 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,038%  |        |
|                         | String TX10-DCB13-STR7  | 14,653                 | 15,807  | 30,460  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,191%  |        |
|                         | String TX10-DCB13-STR8  | 28,981                 | 29,135  | 58,116  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,385%  |        |
|                         | String TX10-DCB13-STR9  | 43,309                 | 43,463  | 86,772  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,579%  |        |

|  |                         |         |         |         |          |       |                    |         |        |
|--|-------------------------|---------|---------|---------|----------|-------|--------------------|---------|--------|
|  | String TX10-DCB13-STR10 | 57,638  | 56,484  | 114,122 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,773% |
|  | String TX10-DCB13-STR11 | 71,966  | 70,812  | 142,778 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,967% |
|  | String TX10-DCB13-STR12 | 86,294  | 85,140  | 171,434 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,161% |
|  | String TX10-DCB13-STR13 | 43,003  | 44,157  | 87,160  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,590% |
|  | String TX10-DCB13-STR14 | 57,331  | 58,485  | 115,816 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,784% |
|  | String TX10-DCB13-STR15 | 71,659  | 72,813  | 144,472 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,978% |
|  | String TX10-DCB13-STR16 | 85,987  | 87,141  | 173,128 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,172% |
|  | String TX10-DCB14-STR1  | 4,449   | 5,603   | 10,052  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,068% |
|  | String TX10-DCB14-STR2  | 18,777  | 19,931  | 38,708  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,262% |
|  | String TX10-DCB14-STR3  | 14,653  | 13,500  | 28,153  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,191% |
|  | String TX10-DCB14-STR4  | 28,982  | 27,828  | 56,810  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,385% |
|  | String TX10-DCB14-STR5  | 43,310  | 42,156  | 85,466  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,579% |
|  | String TX10-DCB14-STR6  | 57,638  | 56,484  | 114,122 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,773% |
|  | String TX10-DCB14-STR7  | 71,966  | 70,812  | 142,778 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,967% |
|  | String TX10-DCB14-STR8  | 86,294  | 85,140  | 171,434 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,161% |
|  | String TX10-DCB14-STR9  | 14,547  | 15,701  | 30,248  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,205% |
|  | String TX10-DCB14-STR10 | 28,875  | 30,029  | 58,904  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,399% |
|  | String TX10-DCB14-STR11 | 26,932  | 26,602  | 53,534  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,363% |
|  | String TX10-DCB14-STR12 | 40,441  | 40,518  | 80,959  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,548% |
|  | String TX10-DCB14-STR13 | 54,975  | 55,471  | 110,446 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,748% |
|  | String TX10-DCB14-STR14 | 69,509  | 69,593  | 139,102 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,942% |
|  | String TX10-DCB14-STR15 | 84,044  | 83,714  | 167,758 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,136% |
|  | String TX10-DCB14-STR16 | 98,578  | 97,836  | 196,414 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,330% |
|  | String TX10-DCB15-STR1  | 100,608 | 101,108 | 201,716 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,366% |
|  | String TX10-DCB15-STR2  | 70,860  | 75,284  | 146,144 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,990% |
|  | String TX10-DCB15-STR3  | 86,322  | 88,130  | 174,452 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,181% |
|  | String TX10-DCB15-STR4  | 101,391 | 100,354 | 201,745 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,366% |
|  | String TX10-DCB15-STR5  | 1,960   | 3,114   | 5,074   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|  | String TX10-DCB15-STR6  | 16,768  | 17,922  | 34,690  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,235% |
|  | String TX10-DCB15-STR7  | 31,096  | 32,249  | 63,345  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,429% |
|  | String TX10-DCB15-STR8  | 45,424  | 46,578  | 92,002  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,623% |
|  | String TX10-DCB15-STR9  | 59,752  | 60,906  | 120,658 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,817% |
|  | String TX10-DCB15-STR10 | 92,998  | 95,881  | 188,879 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,279% |
|  | String TX10-DCB15-STR11 | 108,412 | 106,351 | 214,763 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,454% |
|  | String TX10-DCB15-STR12 | 122,097 | 121,322 | 243,419 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,648% |
|  | String TX10-DCB15-STR13 | 122,049 | 120,949 | 242,998 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,646% |
|  | String TX10-DCB15-STR14 | 78,833  | 78,058  | 156,891 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,062% |
|  | String TX10-DCB15-STR15 | 123,862 | 125,692 | 249,554 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,690% |
|  | String TX10-DCB15-STR16 | 111,959 | 116,293 | 228,252 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,546% |
|  | String TX10-DCB16-STR1  | 33,105  | 34,259  | 67,364  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,456% |
|  | String TX10-DCB16-STR2  | 47,433  | 48,587  | 96,020  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,650% |
|  | String TX10-DCB16-STR3  | 61,761  | 62,915  | 124,676 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,844% |
|  | String TX10-DCB16-STR4  | 76,089  | 77,243  | 153,332 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,038% |
|  | String TX10-DCB16-STR5  | 71,659  | 72,813  | 144,472 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,978% |
|  | String TX10-DCB16-STR6  | 85,987  | 87,141  | 173,128 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,172% |
|  | String TX10-DCB17-STR1  | 136,121 | 136,811 | 272,932 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,848% |
|  | String TX10-DCB17-STR2  | 120,564 | 123,712 | 244,276 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,654% |
|  | String TX10-DCB17-STR3  | 108,280 | 107,740 | 216,020 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,463% |
|  | String TX10-DCB17-STR4  | 110,975 | 112,129 | 223,104 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,511% |
|  | String TX10-DCB17-STR5  | 122,789 | 122,332 | 245,121 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,660% |
|  | String TX10-DCB17-STR6  | 107,065 | 109,400 | 216,465 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,466% |
|  | String TX10-DCB17-STR7  | 91,342  | 96,467  | 187,809 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,272% |
|  | String TX10-DCB17-STR8  | 79,307  | 80,246  | 159,553 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,080% |
|  | String TX10-DCB17-STR9  | 57,638  | 56,484  | 114,122 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,773% |
|  | String TX10-DCB17-STR10 | 43,310  | 42,156  | 85,466  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,579% |
|  | String TX10-DCB17-STR11 | 28,982  | 27,828  | 56,810  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,385% |
|  | String TX10-DCB17-STR12 | 14,653  | 13,500  | 28,153  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,191% |
|  | String TX10-DCB17-STR13 | 92,007  | 92,167  | 184,174 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,247% |
|  | String TX10-DCB17-STR14 | 77,022  | 78,496  | 155,518 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,053% |
|  | String TX10-DCB17-STR15 | 97,411  | 98,431  | 195,842 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,326% |
|  | String TX11-DCB1-STR1   | 48,641  | 45,750  | 94,391  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,639% |
|  | String TX11-DCB1-STR2   | 48,435  | 45,978  | 94,413  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,639% |
|  | String TX11-DCB1-STR3   | 62,546  | 60,523  | 123,069 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,833% |
|  | String TX11-DCB1-STR4   | 76,190  | 75,503  | 151,693 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,027% |
|  | String TX11-DCB1-STR5   | 14,654  | 13,500  | 28,154  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,191% |
|  | String TX11-DCB1-STR6   | 28,982  | 27,828  | 56,810  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,385% |
|  | String TX11-DCB1-STR7   | 43,310  | 42,156  | 85,466  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,579% |
|  | String TX11-DCB1-STR8   | 57,638  | 56,484  | 114,122 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,773% |
|  | String TX11-DCB1-STR9   | 48,497  | 47,778  | 96,275  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,652% |
|  | String TX11-DCB1-STR10  | 61,974  | 62,557  | 124,531 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,843% |
|  | String TX11-DCB1-STR11  | 76,736  | 76,451  | 153,187 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,037% |

|  |                        |        |        |         |          |       |                    |         |        |
|--|------------------------|--------|--------|---------|----------|-------|--------------------|---------|--------|
|  | String TX11-DCB1-STR12 | 76,167 | 76,688 | 152,855 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,035% |
|  | String TX11-DCB1-STR13 | 65,156 | 65,288 | 130,444 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,883% |
|  | String TX11-DCB1-STR14 | 79,918 | 80,067 | 159,985 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,083% |
|  | String TX11-DCB1-STR15 | 94,898 | 93,961 | 188,859 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,279% |
|  | String TX11-DCB1-STR16 | 86,088 | 87,031 | 173,119 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,172% |
|  | String TX11-DCB2-STR1  | 33,764 | 35,930 | 69,694  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,472% |
|  | String TX11-DCB2-STR2  | 29,268 | 31,728 | 60,996  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,413% |
|  | String TX11-DCB2-STR3  | 44,491 | 46,250 | 90,741  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,614% |
|  | String TX11-DCB2-STR4  | 59,026 | 60,379 | 119,405 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,809% |
|  | String TX11-DCB2-STR5  | 1,960  | 3,113  | 5,073   | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,034% |
|  | String TX11-DCB2-STR6  | 16,288 | 17,442 | 33,730  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,228% |
|  | String TX11-DCB2-STR7  | 30,616 | 31,770 | 62,386  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,422% |
|  | String TX11-DCB2-STR8  | 44,944 | 46,098 | 91,042  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,617% |
|  | String TX11-DCB2-STR9  | 59,272 | 60,426 | 119,698 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,811% |
|  | String TX11-DCB2-STR10 | 73,600 | 74,754 | 148,354 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,005% |
|  | String TX11-DCB2-STR11 | 14,238 | 15,804 | 30,042  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,203% |
|  | String TX11-DCB2-STR12 | 28,772 | 30,757 | 59,529  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,403% |
|  | String TX11-DCB2-STR13 | 42,075 | 44,879 | 86,954  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,589% |
|  | String TX11-DCB2-STR14 | 56,609 | 59,000 | 115,609 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,783% |
|  | String TX11-DCB2-STR15 | 71,143 | 73,122 | 144,265 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,977% |
|  | String TX11-DCB2-STR16 | 85,678 | 87,244 | 172,922 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,171% |
|  | String TX11-DCB3-STR1  | 14,547 | 15,701 | 30,248  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,205% |
|  | String TX11-DCB3-STR2  | 28,875 | 29,829 | 58,704  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,398% |
|  | String TX11-DCB3-STR3  | 43,003 | 44,157 | 87,160  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,590% |
|  | String TX11-DCB3-STR4  | 57,331 | 58,485 | 115,816 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,784% |
|  | String TX11-DCB3-STR5  | 71,659 | 72,813 | 144,472 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,978% |
|  | String TX11-DCB3-STR6  | 85,987 | 87,141 | 173,128 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,172% |
|  | String TX11-DCB3-STR7  | 4,449  | 5,603  | 10,052  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,068% |
|  | String TX11-DCB3-STR8  | 18,777 | 19,931 | 38,708  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,262% |
|  | String TX11-DCB3-STR9  | 33,105 | 34,259 | 67,364  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,456% |
|  | String TX11-DCB3-STR10 | 47,433 | 48,587 | 96,020  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,650% |
|  | String TX11-DCB3-STR11 | 61,761 | 62,915 | 124,676 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,844% |
|  | String TX11-DCB3-STR12 | 76,089 | 77,243 | 153,332 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,038% |
|  | String TX11-DCB3-STR13 | 1,960  | 3,114  | 5,074   | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,034% |
|  | String TX11-DCB3-STR14 | 14,347 | 15,501 | 29,848  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,202% |
|  | String TX11-DCB3-STR15 | 28,675 | 29,829 | 58,504  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,396% |
|  | String TX11-DCB3-STR16 | 15,069 | 16,016 | 31,085  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,211% |
|  | String TX11-DCB4-STR1  | 43,003 | 44,157 | 87,160  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,590% |
|  | String TX11-DCB4-STR2  | 57,331 | 58,485 | 115,816 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,784% |
|  | String TX11-DCB4-STR3  | 71,659 | 72,813 | 144,472 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,978% |
|  | String TX11-DCB4-STR4  | 85,987 | 87,141 | 173,128 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,172% |
|  | String TX11-DCB4-STR5  | 4,449  | 5,603  | 10,052  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,068% |
|  | String TX11-DCB4-STR6  | 18,777 | 19,931 | 38,708  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,262% |
|  | String TX11-DCB4-STR7  | 33,105 | 34,259 | 67,364  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,456% |
|  | String TX11-DCB4-STR8  | 47,433 | 48,587 | 96,020  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,650% |
|  | String TX11-DCB4-STR9  | 61,761 | 62,915 | 124,676 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,844% |
|  | String TX11-DCB4-STR10 | 76,089 | 77,243 | 153,332 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,038% |
|  | String TX11-DCB4-STR11 | 1,959  | 3,113  | 5,072   | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,034% |
|  | String TX11-DCB4-STR12 | 14,547 | 15,701 | 30,248  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,205% |
|  | String TX11-DCB4-STR13 | 28,675 | 29,829 | 58,504  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,396% |
|  | String TX11-DCB4-STR14 | 43,003 | 44,157 | 87,160  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,590% |
|  | String TX11-DCB4-STR15 | 14,444 | 14,573 | 29,017  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,196% |
|  | String TX11-DCB4-STR16 | 27,953 | 29,313 | 57,266  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,388% |
|  | String TX11-DCB5-STR1  | 57,331 | 58,485 | 115,816 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,784% |
|  | String TX11-DCB5-STR2  | 71,659 | 72,813 | 144,472 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,978% |
|  | String TX11-DCB5-STR3  | 85,987 | 87,141 | 173,128 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,172% |
|  | String TX11-DCB5-STR4  | 4,449  | 5,603  | 10,052  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,068% |
|  | String TX11-DCB5-STR5  | 18,777 | 19,931 | 38,708  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,262% |
|  | String TX11-DCB5-STR6  | 33,105 | 34,259 | 67,364  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,456% |
|  | String TX11-DCB5-STR7  | 47,433 | 48,587 | 96,020  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,650% |
|  | String TX11-DCB5-STR8  | 61,761 | 62,915 | 124,676 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,844% |
|  | String TX11-DCB5-STR9  | 76,089 | 77,243 | 153,332 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,038% |
|  | String TX11-DCB5-STR10 | 1,960  | 3,114  | 5,074   | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,034% |
|  | String TX11-DCB5-STR11 | 16,287 | 17,442 | 33,729  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,228% |
|  | String TX11-DCB5-STR12 | 14,547 | 15,701 | 30,248  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,205% |
|  | String TX11-DCB5-STR13 | 28,675 | 29,829 | 58,504  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,396% |
|  | String TX11-DCB5-STR14 | 43,003 | 44,157 | 87,160  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,590% |
|  | String TX11-DCB5-STR15 | 14,856 | 15,804 | 30,660  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,208% |
|  | String TX11-DCB5-STR16 | 29,603 | 30,551 | 60,154  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,407% |
|  | String TX11-DCB6-STR1  | 57,331 | 58,485 | 115,816 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,784% |
|  | String TX11-DCB6-STR2  | 71,659 | 72,813 | 144,472 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,978% |

|                        |                        |                       |        |         |          |          |                    |                    |         |        |
|------------------------|------------------------|-----------------------|--------|---------|----------|----------|--------------------|--------------------|---------|--------|
| DC Combiner TX11-DCB6  | String TX11-DCB6-STR3  | 85,987                | 87,141 | 173,128 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,172%  |        |
|                        | String TX11-DCB6-STR4  | 4,449                 | 5,603  | 10,052  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,068%  |        |
|                        | String TX11-DCB6-STR5  | 18,777                | 19,931 | 38,708  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,262%  |        |
|                        | String TX11-DCB6-STR6  | 33,105                | 34,259 | 67,364  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,456%  |        |
|                        | String TX11-DCB6-STR7  | 47,433                | 48,587 | 96,020  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,650%  |        |
|                        | String TX11-DCB6-STR8  | 61,761                | 62,915 | 124,676 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,844%  |        |
|                        | String TX11-DCB6-STR9  | 76,089                | 77,243 | 153,332 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,038%  |        |
|                        | String TX11-DCB6-STR10 | 1,959                 | 3,113  | 5,072   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,034%  |        |
|                        | String TX11-DCB6-STR11 | 16,287                | 17,441 | 33,728  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,228%  |        |
|                        | String TX11-DCB6-STR12 | 30,615                | 31,769 | 62,384  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,422%  |        |
|                        | String TX11-DCB6-STR13 | 14,547                | 15,701 | 30,248  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,205%  |        |
|                        | String TX11-DCB6-STR14 | 14,444                | 14,573 | 29,017  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,196%  |        |
|                        | String TX11-DCB6-STR15 | 29,603                | 29,107 | 58,710  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,398%  |        |
|                        | String TX11-DCB6-STR16 | 43,725                | 44,054 | 87,779  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,594%  |        |
|                        | DC Combiner TX11-DCB7  | String TX11-DCB7-STR1 | 28,875 | 30,029  | 58,904   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,399% |
|                        |                        | String TX11-DCB7-STR2 | 43,203 | 44,357  | 87,560   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,593% |
| String TX11-DCB7-STR3  |                        | 57,531                | 58,685 | 116,016 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,786%  |        |
| String TX11-DCB7-STR4  |                        | 71,659                | 72,813 | 144,472 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,978%  |        |
| String TX11-DCB7-STR5  |                        | 85,987                | 87,141 | 173,128 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,172%  |        |
| String TX11-DCB7-STR6  |                        | 4,449                 | 5,603  | 10,052  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,068%  |        |
| String TX11-DCB7-STR7  |                        | 18,777                | 19,931 | 38,708  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,262%  |        |
| String TX11-DCB7-STR8  |                        | 33,105                | 34,259 | 67,364  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,456%  |        |
| String TX11-DCB7-STR9  |                        | 47,433                | 48,587 | 96,020  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,650%  |        |
| String TX11-DCB7-STR10 |                        | 61,761                | 62,915 | 124,676 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,844%  |        |
| String TX11-DCB7-STR11 |                        | 76,089                | 77,243 | 153,332 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,038%  |        |
| String TX11-DCB7-STR12 |                        | 1,959                 | 3,113  | 5,072   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,034%  |        |
| String TX11-DCB7-STR13 |                        | 16,287                | 17,442 | 33,729  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,228%  |        |
| String TX11-DCB7-STR14 |                        | 30,615                | 31,769 | 62,384  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,422%  |        |
| String TX11-DCB7-STR15 |                        | 44,943                | 46,098 | 91,041  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,617%  |        |
| String TX11-DCB7-STR16 |                        | 58,053                | 58,382 | 116,435 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,788%  |        |
| DC Combiner TX11-DCB8  | String TX11-DCB8-STR1  | 14,747                | 15,901 | 30,648  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,208%  |        |
|                        | String TX11-DCB8-STR2  | 28,875                | 30,029 | 58,904  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,399%  |        |
|                        | String TX11-DCB8-STR3  | 43,203                | 44,357 | 87,560  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,593%  |        |
|                        | String TX11-DCB8-STR4  | 57,531                | 58,685 | 116,216 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,787%  |        |
|                        | String TX11-DCB8-STR5  | 71,659                | 72,813 | 144,472 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,978%  |        |
|                        | String TX11-DCB8-STR6  | 85,987                | 87,141 | 173,128 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,172%  |        |
|                        | String TX11-DCB8-STR7  | 14,438                | 15,798 | 30,236  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,205%  |        |
|                        | String TX11-DCB8-STR8  | 27,947                | 29,307 | 57,254  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,388%  |        |
|                        | String TX11-DCB8-STR9  | 42,687                | 44,048 | 86,735  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,587%  |        |
|                        | String TX11-DCB8-STR10 | 4,449                 | 5,603  | 10,052  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,068%  |        |
|                        | String TX11-DCB8-STR11 | 18,777                | 19,931 | 38,708  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,262%  |        |
|                        | String TX11-DCB8-STR12 | 33,105                | 34,259 | 67,364  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,456%  |        |
|                        | String TX11-DCB8-STR13 | 47,433                | 48,587 | 96,020  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,650%  |        |
|                        | String TX11-DCB8-STR14 | 61,761                | 62,915 | 124,676 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,844%  |        |
|                        | String TX11-DCB8-STR15 | 76,089                | 77,243 | 153,332 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,038%  |        |
|                        | String TX11-DCB8-STR16 | 1,960                 | 3,114  | 5,074   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,034%  |        |
| DC Combiner TX11-DCB9  | String TX11-DCB9-STR1  | 28,566                | 30,132 | 58,698  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,397%  |        |
|                        | String TX11-DCB9-STR2  | 43,100                | 45,085 | 88,185  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,597%  |        |
|                        | String TX11-DCB9-STR3  | 56,403                | 58,382 | 114,785 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,777%  |        |
|                        | String TX11-DCB9-STR4  | 4,449                 | 5,603  | 10,052  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,068%  |        |
|                        | String TX11-DCB9-STR5  | 18,777                | 19,931 | 38,708  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,262%  |        |
|                        | String TX11-DCB9-STR6  | 33,105                | 34,259 | 67,364  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,456%  |        |
|                        | String TX11-DCB9-STR7  | 47,433                | 48,587 | 96,020  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,650%  |        |
|                        | String TX11-DCB9-STR8  | 61,761                | 62,915 | 124,676 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,844%  |        |
|                        | String TX11-DCB9-STR9  | 76,089                | 77,243 | 153,332 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,038%  |        |
|                        | String TX11-DCB9-STR10 | 1,960                 | 3,113  | 5,073   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,034%  |        |
|                        | String TX11-DCB9-STR11 | 16,287                | 17,442 | 33,729  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,228%  |        |
|                        | String TX11-DCB9-STR12 | 30,615                | 31,769 | 62,384  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,422%  |        |
|                        | String TX11-DCB9-STR13 | 44,943                | 46,098 | 91,041  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,617%  |        |
|                        | String TX11-DCB9-STR14 | 59,272                | 60,426 | 119,698 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,811%  |        |
|                        | String TX11-DCB9-STR15 | 71,859                | 73,013 | 144,872 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,981%  |        |
|                        | String TX11-DCB9-STR16 | 85,987                | 87,141 | 173,128 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,172%  |        |
| DC Combiner TX11-DCB10 | String TX11-DCB10-STR1 | 14,747                | 15,901 | 30,648  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,208%  |        |
|                        | String TX11-DCB10-STR2 | 29,075                | 30,029 | 59,104  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,400%  |        |
|                        | String TX11-DCB10-STR3 | 43,203                | 44,357 | 87,560  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,593%  |        |
|                        | String TX11-DCB10-STR4 | 57,531                | 58,685 | 116,216 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,787%  |        |
|                        | String TX11-DCB10-STR5 | 14,231                | 15,592 | 29,823  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,202%  |        |
|                        | String TX11-DCB10-STR6 | 28,972                | 29,101 | 58,073  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,393%  |        |
|                        | String TX11-DCB10-STR7 | 42,481                | 43,841 | 86,322  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,585%  |        |
|                        | String TX11-DCB10-STR8 | 57,222                | 58,582 | 115,804 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,784%  |        |
|                        | String TX11-DCB10-STR9 | 70,731                | 72,710 | 143,441 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,971%  |        |



|  |                         |        |        |         |          |       |                    |         |        |
|--|-------------------------|--------|--------|---------|----------|-------|--------------------|---------|--------|
|  | String TX11-DCB10-STR10 | 4,449  | 5,603  | 10,052  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,068% |
|  | String TX11-DCB10-STR11 | 1,960  | 3,114  | 5,074   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|  | String TX11-DCB10-STR12 | 16,287 | 17,442 | 33,729  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|  | String TX11-DCB10-STR13 | 30,616 | 31,770 | 62,386  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|  | String TX11-DCB10-STR14 | 44,944 | 46,098 | 91,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|  | String TX11-DCB10-STR15 | 59,272 | 60,426 | 119,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|  | String TX11-DCB10-STR16 | 73,600 | 74,754 | 148,354 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|  | String TX11-DCB11-STR1  | 28,875 | 30,029 | 58,904  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,399% |
|  | String TX11-DCB11-STR2  | 43,203 | 44,357 | 87,560  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,593% |
|  | String TX11-DCB11-STR3  | 57,531 | 58,685 | 116,216 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,787% |
|  | String TX11-DCB11-STR4  | 71,859 | 73,013 | 144,872 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,981% |
|  | String TX11-DCB11-STR5  | 85,987 | 87,141 | 173,128 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,172% |
|  | String TX11-DCB11-STR6  | 4,449  | 5,603  | 10,052  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,068% |
|  | String TX11-DCB11-STR7  | 18,777 | 19,931 | 38,708  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,262% |
|  | String TX11-DCB11-STR8  | 33,105 | 34,259 | 67,364  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,456% |
|  | String TX11-DCB11-STR9  | 47,433 | 48,587 | 96,020  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,650% |
|  | String TX11-DCB11-STR10 | 61,761 | 62,915 | 124,676 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,844% |
|  | String TX11-DCB11-STR11 | 76,089 | 77,243 | 153,332 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,038% |
|  | String TX11-DCB11-STR12 | 1,960  | 3,114  | 5,074   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|  | String TX11-DCB11-STR13 | 16,287 | 17,442 | 33,729  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|  | String TX11-DCB11-STR14 | 30,616 | 31,770 | 62,386  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|  | String TX11-DCB11-STR15 | 44,944 | 46,098 | 91,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|  | String TX11-DCB11-STR16 | 59,272 | 60,426 | 119,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|  | String TX11-DCB12-STR1  | 85,059 | 87,038 | 172,097 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,165% |
|  | String TX11-DCB12-STR2  | 4,449  | 5,603  | 10,052  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,068% |
|  | String TX11-DCB12-STR3  | 18,777 | 19,931 | 38,708  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,262% |
|  | String TX11-DCB12-STR4  | 33,105 | 34,259 | 67,364  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,456% |
|  | String TX11-DCB12-STR5  | 47,433 | 48,587 | 96,020  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,650% |
|  | String TX11-DCB12-STR6  | 61,761 | 62,915 | 124,676 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,844% |
|  | String TX11-DCB12-STR7  | 76,089 | 77,243 | 153,332 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,038% |
|  | String TX11-DCB12-STR8  | 1,959  | 3,113  | 5,072   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|  | String TX11-DCB12-STR9  | 16,287 | 17,441 | 33,728  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|  | String TX11-DCB12-STR10 | 30,615 | 31,769 | 62,384  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|  | String TX11-DCB12-STR11 | 44,943 | 46,098 | 91,041  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|  | String TX11-DCB12-STR12 | 59,272 | 60,426 | 119,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|  | String TX11-DCB12-STR13 | 73,599 | 74,754 | 148,353 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|  | String TX11-DCB12-STR14 | 57,531 | 58,685 | 116,216 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,787% |
|  | String TX11-DCB12-STR15 | 71,859 | 73,013 | 144,872 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,981% |
|  | String TX11-DCB12-STR16 | 85,987 | 87,141 | 173,128 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,172% |
|  | String TX11-DCB13-STR1  | 14,747 | 15,901 | 30,648  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,208% |
|  | String TX11-DCB13-STR2  | 29,075 | 30,229 | 59,304  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,402% |
|  | String TX11-DCB13-STR3  | 43,403 | 44,357 | 87,760  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,594% |
|  | String TX11-DCB13-STR4  | 15,469 | 16,416 | 31,885  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,216% |
|  | String TX11-DCB13-STR5  | 29,384 | 30,332 | 59,716  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,404% |
|  | String TX11-DCB13-STR6  | 44,131 | 45,079 | 89,210  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,604% |
|  | String TX11-DCB13-STR7  | 57,015 | 58,994 | 116,009 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,786% |
|  | String TX11-DCB13-STR8  | 71,962 | 72,910 | 144,872 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,981% |
|  | String TX11-DCB13-STR9  | 85,059 | 87,038 | 172,097 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,165% |
|  | String TX11-DCB13-STR10 | 1,960  | 3,114  | 5,074   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|  | String TX11-DCB13-STR11 | 16,288 | 17,442 | 33,730  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|  | String TX11-DCB13-STR12 | 30,615 | 31,770 | 62,385  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|  | String TX11-DCB13-STR13 | 44,944 | 46,098 | 91,042  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |
|  | String TX11-DCB13-STR14 | 59,272 | 60,426 | 119,698 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,811% |
|  | String TX11-DCB13-STR15 | 73,600 | 74,754 | 148,354 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,005% |
|  | String TX11-DCB13-STR16 | 90,217 | 91,371 | 181,588 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,230% |
|  | String TX11-DCB14-STR1  | 14,747 | 15,901 | 30,648  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,208% |
|  | String TX11-DCB14-STR2  | 29,075 | 30,229 | 59,304  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,402% |
|  | String TX11-DCB14-STR3  | 43,203 | 44,357 | 87,560  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,593% |
|  | String TX11-DCB14-STR4  | 57,531 | 58,685 | 116,216 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,787% |
|  | String TX11-DCB14-STR5  | 71,859 | 73,013 | 144,872 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,981% |
|  | String TX11-DCB14-STR6  | 85,987 | 87,141 | 173,128 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,172% |
|  | String TX11-DCB14-STR7  | 4,449  | 5,603  | 10,052  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,068% |
|  | String TX11-DCB14-STR8  | 18,777 | 19,931 | 38,708  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,262% |
|  | String TX11-DCB14-STR9  | 33,105 | 34,259 | 67,364  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,456% |
|  | String TX11-DCB14-STR10 | 47,433 | 48,587 | 96,020  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,650% |
|  | String TX11-DCB14-STR11 | 61,761 | 62,915 | 124,676 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,844% |
|  | String TX11-DCB14-STR12 | 76,089 | 77,243 | 153,332 | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 1,038% |
|  | String TX11-DCB14-STR13 | 1,959  | 3,113  | 5,072   | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,034% |
|  | String TX11-DCB14-STR14 | 16,287 | 17,441 | 33,728  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,228% |
|  | String TX11-DCB14-STR15 | 30,615 | 31,769 | 62,384  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,422% |
|  | String TX11-DCB14-STR16 | 44,943 | 46,097 | 91,040  | 1141,000 | 15,18 | H1Z222-K - 2x(1x4) | 25,5816 | 0,617% |

|  |                         |         |         |         |          |       |                    |         |        |
|--|-------------------------|---------|---------|---------|----------|-------|--------------------|---------|--------|
|  | String TX11-DCB15-STR1  | 71,343  | 73,322  | 144,665 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,980% |
|  | String TX11-DCB15-STR2  | 86,290  | 87,238  | 173,528 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,175% |
|  | String TX11-DCB15-STR3  | 101,676 | 103,655 | 205,331 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,390% |
|  | String TX11-DCB15-STR4  | 18,297  | 19,451  | 37,748  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,256% |
|  | String TX11-DCB15-STR5  | 33,105  | 34,259  | 67,364  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,456% |
|  | String TX11-DCB15-STR6  | 1,960   | 3,114   | 5,074   | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,034% |
|  | String TX11-DCB15-STR7  | 16,288  | 17,442  | 33,730  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,228% |
|  | String TX11-DCB15-STR8  | 30,616  | 31,770  | 62,386  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,422% |
|  | String TX11-DCB15-STR9  | 44,944  | 46,098  | 91,042  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,617% |
|  | String TX11-DCB15-STR10 | 59,272  | 60,426  | 119,698 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,811% |
|  | String TX11-DCB15-STR11 | 73,600  | 74,754  | 148,354 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,005% |
|  | String TX11-DCB15-STR12 | 90,217  | 91,371  | 181,588 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,230% |
|  | String TX11-DCB15-STR13 | 104,545 | 105,699 | 210,244 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,424% |
|  | String TX11-DCB15-STR14 | 27,879  | 29,858  | 57,737  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,391% |
|  | String TX11-DCB15-STR15 | 43,100  | 44,460  | 87,560  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,593% |
|  | String TX11-DCB15-STR16 | 56,403  | 58,382  | 114,785 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,777% |
|  | String TX11-DCB16-STR1  | 48,588  | 47,000  | 95,588  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,647% |
|  | String TX11-DCB16-STR2  | 72,446  | 71,292  | 143,738 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,973% |
|  | String TX11-DCB16-STR3  | 58,117  | 56,964  | 115,081 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,779% |
|  | String TX11-DCB16-STR4  | 43,790  | 42,636  | 86,426  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,585% |
|  | String TX11-DCB16-STR5  | 29,462  | 28,307  | 57,769  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,391% |
|  | String TX11-DCB16-STR6  | 15,133  | 13,979  | 29,112  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,197% |
|  | String TX11-DCB16-STR7  | 90,131  | 91,162  | 181,293 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,228% |
|  | String TX11-DCB16-STR8  | 103,861 | 102,587 | 206,448 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,398% |
|  | String TX11-DCB16-STR9  | 89,653  | 88,140  | 177,793 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,204% |
|  | String TX11-DCB16-STR10 | 75,444  | 73,692  | 149,136 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,010% |
|  | String TX11-DCB16-STR11 | 61,236  | 59,245  | 120,481 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,816% |
|  | String TX11-DCB16-STR12 | 47,027  | 44,797  | 91,824  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,622% |
|  | String TX11-DCB17-STR1  | 99,918  | 97,287  | 197,205 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,335% |
|  | String TX11-DCB17-STR2  | 114,035 | 111,826 | 225,861 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,529% |
|  | String TX11-DCB17-STR3  | 130,441 | 128,654 | 259,095 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,755% |
|  | String TX11-DCB17-STR4  | 144,558 | 143,193 | 287,751 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,949% |
|  | String TX11-DCB17-STR5  | 33,385  | 34,539  | 67,924  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,460% |
|  | String TX11-DCB17-STR6  | 19,057  | 20,211  | 39,268  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,266% |
|  | String TX11-DCB17-STR7  | 1,960   | 3,114   | 5,074   | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,034% |
|  | String TX11-DCB17-STR8  | 95,817  | 95,296  | 191,113 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,294% |
|  | String TX11-DCB17-STR9  | 110,356 | 109,202 | 219,558 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,487% |
|  | String TX11-DCB17-STR10 | 120,753 | 122,791 | 243,544 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,649% |
|  | String TX12-DCB1-STR1   | 74,531  | 75,890  | 150,421 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,019% |
|  | String TX12-DCB1-STR2   | 14,654  | 13,500  | 28,154  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,191% |
|  | String TX12-DCB1-STR3   | 28,982  | 27,828  | 56,810  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,385% |
|  | String TX12-DCB1-STR4   | 43,310  | 42,156  | 85,466  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,579% |
|  | String TX12-DCB1-STR5   | 57,638  | 56,484  | 114,122 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,773% |
|  | String TX12-DCB1-STR6   | 120,892 | 120,015 | 240,907 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,631% |
|  | String TX12-DCB1-STR7   | 131,575 | 134,169 | 265,744 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,800% |
|  | String TX12-DCB1-STR8   | 118,064 | 119,424 | 237,488 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,608% |
|  | String TX12-DCB1-STR9   | 103,324 | 105,507 | 208,831 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,414% |
|  | String TX12-DCB1-STR10  | 88,585  | 91,590  | 180,175 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,220% |
|  | String TX12-DCB1-STR11  | 75,074  | 76,845  | 151,919 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,029% |
|  | String TX12-DCB1-STR12  | 105,670 | 105,743 | 211,413 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,432% |
|  | String TX12-DCB1-STR13  | 126,917 | 129,922 | 256,839 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,739% |
|  | String TX12-DCB1-STR14  | 113,406 | 115,177 | 228,583 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,548% |
|  | String TX12-DCB1-STR15  | 98,666  | 101,261 | 199,927 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,354% |
|  | String TX12-DCB1-STR16  | 85,156  | 86,515  | 171,671 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,163% |
|  | String TX12-DCB2-STR1   | 116,152 | 114,654 | 230,806 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,563% |
|  | String TX12-DCB2-STR2   | 130,365 | 129,097 | 259,462 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,757% |
|  | String TX12-DCB2-STR3   | 101,938 | 100,211 | 202,149 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,369% |
|  | String TX12-DCB2-STR4   | 87,725  | 85,769  | 173,494 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,175% |
|  | String TX12-DCB2-STR5   | 73,512  | 71,326  | 144,838 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,981% |
|  | String TX12-DCB2-STR6   | 17,227  | 16,073  | 33,300  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,226% |
|  | String TX12-DCB2-STR7   | 31,555  | 30,401  | 61,956  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,420% |
|  | String TX12-DCB2-STR8   | 45,883  | 44,729  | 90,612  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,614% |
|  | String TX12-DCB2-STR9   | 60,211  | 59,057  | 119,268 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,808% |
|  | String TX12-DCB2-STR10  | 74,539  | 73,385  | 147,924 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,002% |
|  | String TX12-DCB2-STR11  | 88,867  | 87,713  | 176,580 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,196% |
|  | String TX12-DCB2-STR12  | 2,899   | 1,745   | 4,644   | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,031% |
|  | String TX12-DCB2-STR13  | 13,914  | 15,068  | 28,982  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,196% |
|  | String TX12-DCB2-STR14  | 135,590 | 135,509 | 271,099 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,836% |
|  | String TX12-DCB2-STR15  | 121,467 | 120,976 | 242,443 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,642% |
|  | String TX12-DCB2-STR16  | 106,517 | 106,442 | 212,959 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,442% |
|  | String TX12-DCB3-STR1   | 112,331 | 110,108 | 222,439 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,506% |

|                       |                        |         |         |         |          |       |                    |         |        |
|-----------------------|------------------------|---------|---------|---------|----------|-------|--------------------|---------|--------|
|                       | String TX12-DCB3-STR2  | 126,445 | 124,650 | 251,095 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,700% |
|                       | String TX12-DCB3-STR3  | 140,559 | 139,405 | 279,964 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,896% |
|                       | String TX12-DCB3-STR4  | 98,216  | 95,566  | 193,782 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,312% |
|                       | String TX12-DCB3-STR5  | 84,102  | 81,025  | 165,127 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,118% |
|                       | String TX12-DCB3-STR6  | 17,037  | 15,883  | 32,920  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,223% |
|                       | String TX12-DCB3-STR7  | 31,365  | 30,211  | 61,576  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,417% |
| DC Combiner TX12-DCB3 | String TX12-DCB3-STR8  | 45,693  | 44,539  | 90,232  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,611% |
|                       | String TX12-DCB3-STR9  | 60,021  | 58,867  | 118,888 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,805% |
|                       | String TX12-DCB3-STR10 | 74,349  | 73,195  | 147,544 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,999% |
|                       | String TX12-DCB3-STR11 | 88,677  | 87,523  | 176,200 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,193% |
|                       | String TX12-DCB3-STR12 | 2,709   | 1,555   | 4,264   | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,029% |
|                       | String TX12-DCB3-STR13 | 14,104  | 15,258  | 29,362  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,199% |
|                       | String TX12-DCB3-STR14 | 134,166 | 135,525 | 269,691 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,826% |
|                       | String TX12-DCB3-STR15 | 119,632 | 122,226 | 241,858 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,638% |
|                       | String TX12-DCB3-STR16 | 105,098 | 108,104 | 213,202 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,444% |
|                       | String TX12-DCB4-STR1  | 107,307 | 105,084 | 212,391 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,438% |
|                       | String TX12-DCB4-STR2  | 121,421 | 119,626 | 241,047 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,632% |
|                       | String TX12-DCB4-STR3  | 135,536 | 134,168 | 269,704 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,826% |
|                       | String TX12-DCB4-STR4  | 93,193  | 90,543  | 183,736 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,244% |
|                       | String TX12-DCB4-STR5  | 79,079  | 76,001  | 155,080 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,050% |
|                       | String TX12-DCB4-STR6  | 16,847  | 15,693  | 32,540  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,220% |
|                       | String TX12-DCB4-STR7  | 31,175  | 30,021  | 61,196  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,414% |
| DC Combiner TX12-DCB4 | String TX12-DCB4-STR8  | 45,503  | 44,349  | 89,852  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,608% |
|                       | String TX12-DCB4-STR9  | 59,831  | 58,677  | 118,508 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,803% |
|                       | String TX12-DCB4-STR10 | 74,159  | 73,005  | 147,164 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,997% |
|                       | String TX12-DCB4-STR11 | 88,487  | 87,333  | 175,820 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,191% |
|                       | String TX12-DCB4-STR12 | 2,519   | 1,365   | 3,884   | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,026% |
|                       | String TX12-DCB4-STR13 | 14,294  | 15,448  | 29,742  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,201% |
|                       | String TX12-DCB4-STR14 | 134,356 | 136,131 | 270,487 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,832% |
|                       | String TX12-DCB4-STR15 | 121,064 | 120,974 | 242,038 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,639% |
|                       | String TX12-DCB4-STR16 | 106,943 | 106,439 | 213,382 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,445% |
|                       | String TX12-DCB5-STR1  | 102,783 | 100,567 | 203,350 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,377% |
|                       | String TX12-DCB5-STR2  | 116,899 | 115,100 | 232,007 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,571% |
|                       | String TX12-DCB5-STR3  | 131,015 | 129,861 | 260,876 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,767% |
|                       | String TX12-DCB5-STR4  | 88,668  | 86,027  | 174,695 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,183% |
|                       | String TX12-DCB5-STR5  | 74,552  | 71,486  | 146,038 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,989% |
|                       | String TX12-DCB5-STR6  | 17,152  | 15,998  | 33,150  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,224% |
|                       | String TX12-DCB5-STR7  | 31,480  | 30,326  | 61,806  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,419% |
| DC Combiner TX12-DCB5 | String TX12-DCB5-STR8  | 45,808  | 44,654  | 90,462  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,613% |
|                       | String TX12-DCB5-STR9  | 60,136  | 58,982  | 119,118 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,807% |
|                       | String TX12-DCB5-STR10 | 74,464  | 73,310  | 147,774 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,001% |
|                       | String TX12-DCB5-STR11 | 88,792  | 87,638  | 176,430 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,195% |
|                       | String TX12-DCB5-STR12 | 2,824   | 1,670   | 4,494   | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,030% |
|                       | String TX12-DCB5-STR13 | 13,989  | 15,143  | 29,132  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,197% |
|                       | String TX12-DCB5-STR14 | 135,361 | 136,101 | 271,462 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,838% |
|                       | String TX12-DCB5-STR15 | 120,205 | 121,566 | 241,771 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,637% |
|                       | String TX12-DCB5-STR16 | 105,669 | 108,274 | 213,943 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,449% |
|                       | String TX12-DCB6-STR1  | 99,051  | 96,834  | 195,885 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,326% |
|                       | String TX12-DCB6-STR2  | 113,166 | 111,375 | 224,541 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,521% |
|                       | String TX12-DCB6-STR3  | 127,282 | 125,915 | 253,197 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,715% |
|                       | String TX12-DCB6-STR4  | 84,935  | 82,294  | 167,229 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,132% |
|                       | String TX12-DCB6-STR5  | 70,819  | 67,753  | 138,572 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,938% |
|                       | String TX12-DCB6-STR6  | 17,536  | 16,382  | 33,918  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,230% |
|                       | String TX12-DCB6-STR7  | 31,864  | 30,710  | 62,574  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,424% |
|                       | String TX12-DCB6-STR8  | 46,192  | 45,038  | 91,230  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,618% |
| DC Combiner TX12-DCB6 | String TX12-DCB6-STR9  | 60,520  | 59,366  | 119,886 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,812% |
|                       | String TX12-DCB6-STR10 | 74,848  | 73,694  | 148,542 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,006% |
|                       | String TX12-DCB6-STR11 | 89,176  | 88,022  | 177,198 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,200% |
|                       | String TX12-DCB6-STR12 | 3,208   | 2,054   | 5,262   | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,036% |
|                       | String TX12-DCB6-STR13 | 13,605  | 14,759  | 28,364  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,192% |
|                       | String TX12-DCB6-STR14 | 132,890 | 131,949 | 264,839 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,793% |
|                       | String TX12-DCB6-STR15 | 123,236 | 124,562 | 247,798 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,678% |
|                       | String TX12-DCB6-STR16 | 108,735 | 110,406 | 219,141 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 1,484% |
|                       | String TX12-DCB7-STR1  | 14,547  | 15,701  | 30,248  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,205% |
|                       | String TX12-DCB7-STR2  | 28,875  | 30,029  | 58,904  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,399% |
|                       | String TX12-DCB7-STR3  | 43,203  | 44,157  | 87,360  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,592% |
|                       | String TX12-DCB7-STR4  | 57,331  | 58,485  | 115,816 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,784% |
|                       | String TX12-DCB7-STR5  | 13,619  | 14,979  | 28,598  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,194% |
|                       | String TX12-DCB7-STR6  | 28,359  | 29,720  | 58,079  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,393% |
|                       | String TX12-DCB7-STR7  | 43,100  | 43,229  | 86,329  | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,585% |
| DC Combiner TX12-DCB7 | String TX12-DCB7-STR8  | 56,609  | 57,969  | 114,578 | 1141,000 | 15,18 | H1Z22Z-K - 2x(1x4) | 25,5816 | 0,776% |

|                         |                        |         |         |          |          |                    |                    |         |        |
|-------------------------|------------------------|---------|---------|----------|----------|--------------------|--------------------|---------|--------|
| DC Combiner TX12-DCB7   | String TX12-DCB7-STR9  | 71,968  | 72,504  | 144,472  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,978% |
|                         | String TX12-DCB7-STR10 | 85,884  | 87,038  | 172,922  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,171% |
|                         | String TX12-DCB7-STR11 | 4,449   | 5,603   | 10,052   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,068% |
|                         | String TX12-DCB7-STR12 | 18,777  | 19,931  | 38,708   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,262% |
|                         | String TX12-DCB7-STR13 | 33,105  | 34,259  | 67,364   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,456% |
|                         | String TX12-DCB7-STR14 | 47,433  | 48,587  | 96,020   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,650% |
|                         | String TX12-DCB7-STR15 | 61,761  | 62,915  | 124,676  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,844% |
|                         | String TX12-DCB7-STR16 | 76,089  | 77,243  | 153,332  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,038% |
|                         | String TX12-DCB8-STR1  | 14,238  | 15,804  | 30,042   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,203% |
|                         | String TX12-DCB8-STR2  | 28,772  | 30,757  | 59,529   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,403% |
|                         | String TX12-DCB8-STR3  | 42,075  | 43,435  | 85,510   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,579% |
|                         | String TX12-DCB8-STR4  | 57,846  | 57,969  | 115,815  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,784% |
|                         | String TX12-DCB8-STR5  | 71,968  | 72,504  | 144,472  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,978% |
|                         | String TX12-DCB8-STR6  | 86,090  | 87,038  | 173,128  | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 1,172% |
|                         | String TX12-DCB8-STR7  | 4,449   | 5,603   | 10,052   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,068% |
|                         | String TX12-DCB8-STR8  | 18,777  | 19,931  | 38,708   | 1141,000 | 15,18              | H1Z222-K - 2x(1x4) | 25,5816 | 0,262% |
| String TX12-DCB8-STR9   | 33,105                 | 34,259  | 67,364  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,456%  |        |
| String TX12-DCB8-STR10  | 47,433                 | 48,587  | 96,020  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,650%  |        |
| String TX12-DCB8-STR11  | 1,960                  | 3,114   | 5,074   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,034%  |        |
| String TX12-DCB8-STR12  | 16,287                 | 17,442  | 33,729  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,228%  |        |
| String TX12-DCB8-STR13  | 30,615                 | 31,770  | 62,385  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,422%  |        |
| String TX12-DCB8-STR14  | 44,944                 | 46,098  | 91,042  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,617%  |        |
| String TX12-DCB8-STR15  | 59,272                 | 60,426  | 119,698 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,811%  |        |
| String TX12-DCB8-STR16  | 73,600                 | 74,754  | 148,354 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,005%  |        |
| String TX12-DCB9-STR1   | 71,659                 | 72,813  | 144,472 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,978%  |        |
| String TX12-DCB9-STR2   | 85,987                 | 87,141  | 173,128 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,172%  |        |
| String TX12-DCB9-STR3   | 4,449                  | 5,603   | 10,052  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,068%  |        |
| String TX12-DCB9-STR4   | 18,777                 | 19,931  | 38,708  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,262%  |        |
| String TX12-DCB9-STR5   | 33,105                 | 34,259  | 67,364  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,456%  |        |
| String TX12-DCB9-STR6   | 47,433                 | 48,587  | 96,020  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,650%  |        |
| String TX12-DCB9-STR7   | 61,761                 | 62,915  | 124,676 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,844%  |        |
| String TX12-DCB9-STR8   | 76,089                 | 77,243  | 153,332 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,038%  |        |
| String TX12-DCB9-STR9   | 1,960                  | 3,114   | 5,074   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,034%  |        |
| String TX12-DCB9-STR10  | 16,288                 | 17,442  | 33,730  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,228%  |        |
| String TX12-DCB9-STR11  | 30,615                 | 31,770  | 62,385  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,422%  |        |
| String TX12-DCB9-STR12  | 44,944                 | 46,098  | 91,042  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,617%  |        |
| String TX12-DCB9-STR13  | 59,271                 | 60,426  | 119,697 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,811%  |        |
| String TX12-DCB9-STR14  | 73,600                 | 74,754  | 148,354 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,005%  |        |
| String TX12-DCB9-STR15  | 71,350                 | 73,122  | 144,472 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,978%  |        |
| String TX12-DCB9-STR16  | 86,090                 | 87,244  | 173,334 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,174%  |        |
| String TX12-DCB10-STR1  | 28,595                 | 29,549  | 58,144  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,394%  |        |
| String TX12-DCB10-STR2  | 42,723                 | 43,877  | 86,600  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,586%  |        |
| String TX12-DCB10-STR3  | 57,051                 | 58,005  | 115,056 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,779%  |        |
| String TX12-DCB10-STR4  | 71,179                 | 72,333  | 143,512 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,972%  |        |
| String TX12-DCB10-STR5  | 85,507                 | 86,661  | 172,168 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,166%  |        |
| String TX12-DCB10-STR6  | 29,323                 | 30,271  | 59,594  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,404%  |        |
| String TX12-DCB10-STR7  | 42,207                 | 43,568  | 85,775  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,581%  |        |
| String TX12-DCB10-STR8  | 57,779                 | 57,283  | 115,062 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,779%  |        |
| String TX12-DCB10-STR9  | 70,663                 | 72,024  | 142,687 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,966%  |        |
| String TX12-DCB10-STR10 | 32,145                 | 33,299  | 65,444  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,443%  |        |
| String TX12-DCB10-STR11 | 46,953                 | 48,107  | 95,060  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,644%  |        |
| String TX12-DCB10-STR12 | 1,960                  | 3,114   | 5,074   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,034%  |        |
| String TX12-DCB10-STR13 | 16,768                 | 17,922  | 34,690  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,235%  |        |
| String TX12-DCB10-STR14 | 31,095                 | 32,250  | 63,345  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,429%  |        |
| String TX12-DCB10-STR15 | 45,424                 | 46,578  | 92,002  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,623%  |        |
| String TX12-DCB10-STR16 | 59,752                 | 60,906  | 120,658 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,817%  |        |
| String TX12-DCB11-STR1  | 6,417                  | 7,571   | 13,988  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,095%  |        |
| String TX12-DCB11-STR2  | 10,396                 | 9,242   | 19,638  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,133%  |        |
| String TX12-DCB11-STR3  | 24,724                 | 23,570  | 48,294  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,327%  |        |
| String TX12-DCB11-STR4  | 39,052                 | 37,898  | 76,950  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,521%  |        |
| String TX12-DCB11-STR5  | 66,416                 | 67,172  | 133,588 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,905%  |        |
| String TX12-DCB11-STR6  | 80,956                 | 81,288  | 162,244 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,099%  |        |
| String TX12-DCB11-STR7  | 95,497                 | 95,404  | 190,901 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,293%  |        |
| String TX12-DCB11-STR8  | 110,037                | 109,520 | 219,557 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,487%  |        |
| String TX12-DCB11-STR9  | 124,577                | 123,635 | 248,212 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,681%  |        |
| String TX12-DCB12-STR1  | 59,752                 | 60,906  | 120,658 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,817%  |        |
| String TX12-DCB12-STR2  | 45,424                 | 46,578  | 92,002  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,623%  |        |
| String TX12-DCB12-STR3  | 31,096                 | 32,250  | 63,346  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,429%  |        |
| String TX12-DCB12-STR4  | 16,767                 | 17,922  | 34,689  | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,235%  |        |
| String TX12-DCB12-STR5  | 1,960                  | 3,114   | 5,074   | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 0,034%  |        |
| String TX12-DCB12-STR6  | 96,298                 | 95,114  | 191,412 | 1141,000 | 15,18    | H1Z222-K - 2x(1x4) | 25,5816            | 1,296%  |        |

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|                        |        |        |         |          |       |                    |         |        |
|------------------------|--------|--------|---------|----------|-------|--------------------|---------|--------|
| String TX12-DCB12-STR7 | 81,001 | 80,555 | 161,556 | 1141,000 | 15,18 | H1Z2Z2-K - 2x(1x4) | 25,5816 | 1,094% |
| String TX12-DCB12-STR8 | 66,485 | 67,055 | 133,540 | 1141,000 | 15,18 | H1Z2Z2-K - 2x(1x4) | 25,5816 | 0,904% |

## All.2 – Cavi per la distribuzione in c.c.

Per il collegamento tra i quadri di campo al comparto in BT interno alla power station si prevede l'impiego di cavi del tipo ARE4E AL/XLPE/HDPE o similari. I cavi sono adatti per l'interconnessione degli elementi degli impianti fotovoltaici e sono costituiti da conduttore in alluminio, isolante e guaina esterna in materiale elastomero non propagante la fiamma e l'incendio. E' previsto l'impiego di cavi da 300/400 mm<sup>2</sup>.



**AL/XLPE/HDPE 1,8/3 (3.6) kV**  
NON PROPAGANTI LA FIAMMA - NON PROPAGANTI L'INCENDIO  
FLAME RETARDANT - FIRE RETARDANT

   
NON PROPAGANTE LA FIAMMA  
FLAME RETARDANT      NON PROPAGANTE L'INCENDIO  
FIRE RETARDANT

**RIFERIMENTO NORMATIVO/STANDARD REFERENCE**

|  |                                      |
|--|--------------------------------------|
| Costruzione e requisiti elettrici fisici e meccanici/Structure and electrical, physical, mechanical requirements | IEC 60228<br>IEC 60502-1<br>EN 50618 |
|--|--------------------------------------|



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## AL/XLPE/HDPE 1,8/3 (3.6) kV

**DESCRIZIONE:**

Cavo con isolamento in XLPE, sotto guaina in politene alta densità, a ridotta emissione di gas corrosivi. Buon comportamento alle basse temperature.

**DESCRIPTION:**

Cable insulated XLPE, with sheath high density polythene, with reduced corrosive gas emission.

**CARATTERISTICHE FUNZIONALI:**

- Tensione nominale U<sub>0</sub>/U: 1,8/3 kV a.c.  
1,5/1,5 (1,8) kV c.c.
- Temperatura massima di esercizio: 90°C
- Temperatura minima di esercizio: -15°C
- Temperatura minima di posa: -5°C
- Temperatura massima di corto circuito: 250°C
- Sforzo massimo di trazione (consigliato): 50 N/mm<sup>2</sup> di sezione del rame.
- Raggio minimo di curvatura: 8 volte il diametro esterno del cavo

**FUNCTIONAL CHARACTERISTICS**

- Rated voltage U<sub>m</sub>: 1,8/3 kV a.c.  
1,5/1,5 (1,8) kV c.c.
- Maximum operating temperature: 90°C
- Minimum operating temperature: -15 °C (without mechanical stress)
- Minimum installation temperature: -5°C
- Maximum short circuit temperature: 250° C
- Maximum tensile stress (recommended): 50 N/mm<sup>2</sup> of the cross-section of the copper.
- Minimum bending radius: 8 times the cable outer diameter.




**CONDIZIONI DI IMPIEGO:**

Cavo con migliorate capacità di resistenza all’acqua e meccanica utilizzato in impianti civili e industriali. Indicato per l’installazione fissa all’esterno o all’interno. Adatto per posa interrata diretta, in tubo o in aria libera

**USE AND INSTALLATION**

Cable with improved water resistance capacity and mechanical resistance, suitable for outdoor and indoor fixed installation. It’s normally used for power distribution sin urban networks and industrial plants. These cables are suitable for direct burial or for installation on trays or in ducts.

**COSTRUZIONE DEL CAVO / CABLE CONSTRUCTION**

|   |  |   |
|---|--|---|
|  | <p><b>CONDUTTORE</b><br/><b>Materiale:</b><br/>Alluminio, formazione Rigida, classe 2</p>        | <p><b>CONDUCTOR</b><br/><b>Material:</b> Aluminum, class 2</p>                                  |
|  | <p><b>ISOLAMENTO</b><br/><b>Materiale:</b> XLPE</p>  | <p><b>INSULATION</b><br/><b>Material:</b> XLPE</p>  |
|  | <p><b>GUAINA ESTERNA</b><br/><b>Materiale:</b> Politene alta densità<br/><b>Colore:</b> Nero</p> | <p><b>OUTER SHEATH</b><br/><b>Material:</b> High density polythene<br/><b>Colour:</b> Black</p> |

**Figura 0-1 – Caratteristiche tecniche cavi distribuzione in c.c. ARE4E AL/XLPE/HDPE**

I cavi ARE4E AL/XLPE/HDPE sono progettati per funzionare ad una temperatura normale massima del conduttore di 90° C. La tensione nominale in corrente continua (c.c.) è 1,5 kV sia tra i conduttori che tra i conduttori e la terra (CEI EN 60216). Si allega l’elenco dei cavi impiegati per la connessione dei quadri di campo alle sezione BT delle power stations.

| From                  | To                    | Cable length +, m | Cable length -, m | Total length, m | String number in parallel | Rated Voltage, V | Rated Current, A  | Line Section, mm <sup>2</sup> | Effective Current Capacity, A | ΔV losses, % |
|-----------------------|-----------------------|-------------------|-------------------|-----------------|---------------------------|------------------|-------------------|-------------------------------|-------------------------------|--------------|
| Central Inverter TX1  | DC Combiner TX1-DCB1  | 157,973           | 157,973           | 315,946         | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,673%       |
|                       | DC Combiner TX1-DCB2  | 97,044            | 97,044            | 194,088         | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,413%       |
|                       | DC Combiner TX1-DCB3  | 44,829            | 44,829            | 89,658          | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,191%       |
|                       | DC Combiner TX1-DCB4  | 35,726            | 35,726            | 71,452          | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,152%       |
|                       | DC Combiner TX1-DCB5  | 17,676            | 17,676            | 35,352          | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,075%       |
|                       | DC Combiner TX1-DCB6  | 17,842            | 17,842            | 35,684          | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,076%       |
|                       | DC Combiner TX1-DCB7  | 25,218            | 25,218            | 50,436          | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,107%       |
|                       | DC Combiner TX1-DCB8  | 35,347            | 35,347            | 70,694          | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,150%       |
|                       | DC Combiner TX1-DCB9  | 45,738            | 45,738            | 91,476          | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,195%       |
|                       | DC Combiner TX1-DCB10 | 54,542            | 54,542            | 109,084         | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,232%       |
|                       | DC Combiner TX1-DCB11 | 64,792            | 64,792            | 129,584         | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,276%       |
|                       | DC Combiner TX1-DCB12 | 74,821            | 74,821            | 149,642         | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,319%       |
| DC Combiner TX1-DCB13 | 93,713                | 93,713            | 187,426           | 5               | 1141,000                  | 75,9             | ARE4E - 2x(1x300) | 261,8238                      | 0,125%                        |              |
| Central Inverter TX2  | DC Combiner TX2-DCB1  | 110,617           | 110,617           | 221,234         | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,471%       |
|                       | DC Combiner TX2-DCB2  | 102,557           | 102,557           | 205,114         | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,437%       |
|                       | DC Combiner TX2-DCB3  | 92,683            | 92,683            | 185,366         | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,395%       |
|                       | DC Combiner TX2-DCB4  | 81,818            | 81,818            | 163,636         | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,348%       |
|                       | DC Combiner TX2-DCB5  | 43,553            | 43,553            | 87,106          | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,185%       |
|                       | DC Combiner TX2-DCB6  | 30,850            | 30,850            | 61,700          | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,131%       |
|                       | DC Combiner TX2-DCB7  | 22,312            | 22,312            | 44,624          | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,095%       |
|                       | DC Combiner TX2-DCB8  | 14,684            | 14,684            | 29,368          | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,063%       |
|                       | DC Combiner TX2-DCB9  | 6,805             | 6,805             | 13,610          | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,029%       |
|                       | DC Combiner TX2-DCB10 | 14,212            | 14,212            | 28,424          | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,061%       |
|                       | DC Combiner TX2-DCB11 | 22,945            | 22,945            | 45,890          | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,098%       |
|                       | DC Combiner TX2-DCB12 | 32,812            | 32,812            | 65,624          | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,140%       |
|                       | DC Combiner TX2-DCB13 | 44,864            | 44,864            | 89,728          | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,191%       |
|                       | DC Combiner TX2-DCB14 | 54,265            | 54,265            | 108,530         | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,231%       |
|                       | DC Combiner TX2-DCB15 | 64,515            | 64,515            | 129,030         | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,275%       |
|                       | DC Combiner TX2-DCB16 | 85,212            | 85,212            | 170,424         | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,363%       |
|                       | DC Combiner TX2-DCB17 | 162,223           | 162,223           | 324,446         | 11                        | 1141,000         | 166,98            | ARE4E - 2x(1x300)             | 261,8238                      | 0,475%       |
| Central Inverter TX3  | DC Combiner TX3-DCB1  | 108,469           | 108,469           | 216,938         | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,462%       |
|                       | DC Combiner TX3-DCB2  | 88,270            | 88,270            | 176,540         | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,376%       |
|                       | DC Combiner TX3-DCB3  | 79,100            | 79,100            | 158,200         | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,337%       |
|                       | DC Combiner TX3-DCB4  | 69,000            | 69,000            | 138,000         | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,294%       |
|                       | DC Combiner TX3-DCB5  | 59,149            | 59,149            | 118,298         | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,252%       |
|                       | DC Combiner TX3-DCB6  | 49,298            | 49,298            | 98,596          | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,210%       |
|                       | DC Combiner TX3-DCB7  | 40,128            | 40,128            | 80,256          | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,171%       |
|                       | DC Combiner TX3-DCB8  | 30,028            | 30,028            | 60,056          | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,128%       |
|                       | DC Combiner TX3-DCB9  | 20,758            | 20,758            | 41,516          | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,088%       |
|                       | DC Combiner TX3-DCB10 | 13,706            | 13,706            | 27,412          | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,058%       |
|                       | DC Combiner TX3-DCB11 | 12,931            | 12,931            | 25,862          | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,055%       |
|                       | DC Combiner TX3-DCB12 | 21,375            | 21,375            | 42,750          | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,091%       |
|                       | DC Combiner TX3-DCB13 | 31,022            | 31,022            | 62,044          | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,132%       |
|                       | DC Combiner TX3-DCB14 | 40,670            | 40,670            | 81,340          | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,173%       |
|                       | DC Combiner TX3-DCB15 | 49,855            | 49,855            | 99,710          | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,212%       |
|                       | DC Combiner TX3-DCB16 | 59,744            | 59,744            | 119,488         | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,254%       |
|                       | DC Combiner TX3-DCB17 | 70,114            | 70,114            | 140,228         | 12                        | 1141,000         | 182,16            | ARE4E - 2x(1x300)             | 261,8238                      | 0,224%       |
| Central Inverter TX4  | DC Combiner TX4-DCB1  | 95,670            | 95,670            | 191,340         | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,407%       |
|                       | DC Combiner TX4-DCB2  | 85,756            | 85,756            | 171,512         | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,365%       |
|                       | DC Combiner TX4-DCB3  | 76,353            | 76,353            | 152,706         | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,325%       |
|                       | DC Combiner TX4-DCB4  | 66,002            | 66,002            | 132,004         | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,281%       |
|                       | DC Combiner TX4-DCB5  | 58,097            | 58,097            | 116,194         | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,247%       |
|                       | DC Combiner TX4-DCB6  | 49,021            | 49,021            | 98,042          | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,209%       |
|                       | DC Combiner TX4-DCB7  | 20,241            | 20,241            | 40,482          | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,086%       |
|                       | DC Combiner TX4-DCB8  | 20,124            | 20,124            | 40,248          | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,086%       |
|                       | DC Combiner TX4-DCB9  | 16,788            | 16,788            | 33,576          | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,071%       |
|                       | DC Combiner TX4-DCB10 | 17,186            | 17,186            | 34,372          | 16                        | 1141,000         | 242,88            | ARE4E - 2x(1x300)             | 261,8238                      | 0,073%       |



|                      |                       |         |         |         |    |          |        |                   |          |        |
|----------------------|-----------------------|---------|---------|---------|----|----------|--------|-------------------|----------|--------|
|                      | DC Combiner TX4-DCB11 | 25,025  | 25,025  | 50,050  | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,107% |
|                      | DC Combiner TX4-DCB12 | 35,243  | 35,243  | 70,486  | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,150% |
|                      | DC Combiner TX4-DCB13 | 45,509  | 45,509  | 91,018  | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,194% |
|                      | DC Combiner TX4-DCB14 | 55,343  | 55,343  | 110,686 | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,236% |
|                      | DC Combiner TX4-DCB15 | 64,646  | 64,646  | 129,292 | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,275% |
|                      | DC Combiner TX4-DCB16 | 75,444  | 75,444  | 150,888 | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,321% |
|                      | DC Combiner TX4-DCB17 | 85,278  | 85,278  | 170,556 | 11 | 1141,000 | 166,98 | ARE4E - 2x(1x300) | 261,8238 | 0,250% |
|                      | DC Combiner TX5-DCB1  | 71,128  | 71,128  | 142,256 | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,303% |
|                      | DC Combiner TX5-DCB2  | 61,611  | 61,611  | 123,222 | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,262% |
|                      | DC Combiner TX5-DCB3  | 51,493  | 51,493  | 102,986 | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,219% |
|                      | DC Combiner TX5-DCB4  | 43,701  | 43,701  | 87,402  | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,186% |
|                      | DC Combiner TX5-DCB5  | 43,025  | 43,025  | 86,050  | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,183% |
|                      | DC Combiner TX5-DCB6  | 21,446  | 21,446  | 42,892  | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,091% |
|                      | DC Combiner TX5-DCB7  | 31,487  | 31,487  | 62,974  | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,134% |
|                      | DC Combiner TX5-DCB8  | 13,763  | 13,763  | 27,526  | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,059% |
| Central Inverter TX5 | DC Combiner TX5-DCB9  | 13,863  | 13,863  | 27,726  | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,059% |
|                      | DC Combiner TX5-DCB10 | 21,419  | 21,419  | 42,838  | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,091% |
|                      | DC Combiner TX5-DCB11 | 31,694  | 31,694  | 63,388  | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,135% |
|                      | DC Combiner TX5-DCB12 | 41,568  | 41,568  | 83,136  | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,177% |
|                      | DC Combiner TX5-DCB13 | 54,060  | 54,060  | 108,120 | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,230% |
|                      | DC Combiner TX5-DCB14 | 52,991  | 52,991  | 105,982 | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,226% |
|                      | DC Combiner TX5-DCB15 | 62,152  | 62,152  | 124,304 | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,265% |
|                      | DC Combiner TX5-DCB16 | 81,826  | 81,826  | 163,652 | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,348% |
|                      | DC Combiner TX5-DCB17 | 150,216 | 150,216 | 300,432 | 12 | 1141,000 | 182,16 | ARE4E - 2x(1x300) | 261,8238 | 0,480% |
|                      | DC Combiner TX6-DCB1  | 163,589 | 163,589 | 327,178 | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,696% |
|                      | DC Combiner TX6-DCB2  | 143,727 | 143,727 | 287,454 | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,612% |
|                      | DC Combiner TX6-DCB3  | 123,864 | 123,864 | 247,728 | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,527% |
|                      | DC Combiner TX6-DCB4  | 116,040 | 116,040 | 232,080 | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,494% |
|                      | DC Combiner TX6-DCB5  | 103,678 | 103,678 | 207,356 | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,441% |
|                      | DC Combiner TX6-DCB6  | 95,629  | 95,629  | 191,258 | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,407% |
|                      | DC Combiner TX6-DCB7  | 84,564  | 84,564  | 169,128 | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,360% |
|                      | DC Combiner TX6-DCB8  | 77,064  | 77,064  | 154,128 | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,328% |
|                      | DC Combiner TX6-DCB9  | 65,774  | 65,774  | 131,548 | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,280% |
| Central Inverter TX6 | DC Combiner TX6-DCB10 | 46,560  | 46,560  | 93,120  | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,198% |
|                      | DC Combiner TX6-DCB11 | 36,366  | 36,366  | 72,732  | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,155% |
|                      | DC Combiner TX6-DCB12 | 27,570  | 27,570  | 55,140  | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,117% |
|                      | DC Combiner TX6-DCB13 | 17,616  | 17,616  | 35,232  | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,075% |
|                      | DC Combiner TX6-DCB14 | 14,380  | 14,380  | 28,760  | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,061% |
|                      | DC Combiner TX6-DCB15 | 35,107  | 35,107  | 70,214  | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,149% |
|                      | DC Combiner TX6-DCB16 | 54,832  | 54,832  | 109,664 | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,233% |
|                      | DC Combiner TX6-DCB17 | 72,652  | 72,652  | 145,304 | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,309% |
|                      | DC Combiner TX6-DCB18 | 92,476  | 92,476  | 184,952 | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,394% |
|                      | DC Combiner TX6-DCB19 | 102,532 | 102,532 | 205,064 | 10 | 1141,000 | 151,8  | ARE4E - 2x(1x300) | 261,8238 | 0,273% |
|                      | DC Combiner TX7-DCB1  | 121,814 | 121,814 | 243,628 | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,519% |
|                      | DC Combiner TX7-DCB2  | 111,720 | 111,720 | 223,440 | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,476% |
|                      | DC Combiner TX7-DCB3  | 104,869 | 104,869 | 209,738 | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,446% |
|                      | DC Combiner TX7-DCB4  | 93,579  | 93,579  | 187,158 | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,398% |
|                      | DC Combiner TX7-DCB5  | 75,337  | 75,337  | 150,674 | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,321% |
|                      | DC Combiner TX7-DCB6  | 62,975  | 62,975  | 125,950 | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,268% |
|                      | DC Combiner TX7-DCB7  | 55,250  | 55,250  | 110,500 | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,235% |
|                      | DC Combiner TX7-DCB8  | 43,861  | 43,861  | 87,722  | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,187% |
|                      | DC Combiner TX7-DCB9  | 36,685  | 36,685  | 73,370  | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,156% |
| Central Inverter TX7 | DC Combiner TX7-DCB10 | 25,376  | 25,376  | 50,752  | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,108% |
|                      | DC Combiner TX7-DCB11 | 19,037  | 19,037  | 38,074  | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,081% |
|                      | DC Combiner TX7-DCB12 | 19,369  | 19,369  | 38,738  | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,082% |
|                      | DC Combiner TX7-DCB13 | 27,154  | 27,154  | 54,308  | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,116% |
|                      | DC Combiner TX7-DCB14 | 36,259  | 36,259  | 72,518  | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,154% |
|                      | DC Combiner TX7-DCB15 | 46,443  | 46,443  | 92,886  | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,198% |
|                      | DC Combiner TX7-DCB16 | 55,615  | 55,615  | 111,230 | 16 | 1141,000 | 242,88 | ARE4E - 2x(1x300) | 261,8238 | 0,237% |

|                        |                       |                       |         |          |         |          |          |                   |                   |          |
|------------------------|-----------------------|-----------------------|---------|----------|---------|----------|----------|-------------------|-------------------|----------|
|                        | DC Combiner TX7-DCB17 | 66,047                | 66,047  | 132,094  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,281%   |
|                        | DC Combiner TX7-DCB18 | 85,254                | 85,254  | 170,508  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,363%   |
|                        | DC Combiner TX7-DCB19 | 153,585               | 153,585 | 307,170  | 10      | 1141,000 | 151,8    | ARE4E - 2x(1x300) | 261,8238          | 0,409%   |
| Central Inverter TX8   | DC Combiner TX8-DCB1  | 140,410               | 140,410 | 280,820  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,598%   |
|                        | DC Combiner TX8-DCB2  | 119,564               | 119,564 | 239,128  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,509%   |
|                        | DC Combiner TX8-DCB3  | 111,282               | 111,282 | 222,564  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,474%   |
|                        | DC Combiner TX8-DCB4  | 112,690               | 112,690 | 225,380  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,480%   |
|                        | DC Combiner TX8-DCB5  | 101,434               | 101,434 | 202,868  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,432%   |
|                        | DC Combiner TX8-DCB6  | 89,362                | 89,362  | 178,724  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,380%   |
|                        | DC Combiner TX8-DCB7  | 81,151                | 81,151  | 162,302  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,345%   |
|                        | DC Combiner TX8-DCB8  | 70,256                | 70,256  | 140,512  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,299%   |
|                        | DC Combiner TX8-DCB9  | 62,176                | 62,176  | 124,352  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,265%   |
|                        | DC Combiner TX8-DCB10 | 50,386                | 50,386  | 100,772  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,215%   |
|                        | DC Combiner TX8-DCB11 | 41,893                | 41,893  | 83,786   | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,178%   |
|                        | DC Combiner TX8-DCB12 | 32,024                | 32,024  | 64,048   | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,136%   |
|                        | DC Combiner TX8-DCB13 | 34,877                | 34,877  | 69,754   | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,148%   |
|                        | DC Combiner TX8-DCB14 | 44,725                | 44,725  | 89,450   | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,190%   |
|                        | DC Combiner TX8-DCB15 | 65,206                | 65,206  | 130,412  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,278%   |
|                        | DC Combiner TX8-DCB16 | 92,264                | 92,264  | 184,528  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,393%   |
|                        | DC Combiner TX8-DCB17 | 111,708               | 111,708 | 223,416  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,476%   |
|                        | DC Combiner TX8-DCB18 | 150,890               | 150,890 | 301,780  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,642%   |
|                        | DC Combiner TX8-DCB19 | 175,885               | 175,885 | 351,770  | 10      | 1141,000 | 151,8    | ARE4E - 2x(1x300) | 261,8238          | 0,468%   |
| Central Inverter TX9   | DC Combiner TX9-DCB1  | 41,057                | 41,057  | 82,114   | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,175%   |
|                        | DC Combiner TX9-DCB2  | 60,139                | 60,139  | 120,278  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,256%   |
|                        | DC Combiner TX9-DCB3  | 74,389                | 74,389  | 148,778  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,317%   |
|                        | DC Combiner TX9-DCB4  | 97,913                | 97,913  | 195,826  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,417%   |
|                        | DC Combiner TX9-DCB5  | 110,100               | 110,100 | 220,200  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,469%   |
|                        | DC Combiner TX9-DCB6  | 121,901               | 121,901 | 243,802  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,519%   |
|                        | DC Combiner TX9-DCB7  | 148,180               | 148,180 | 296,360  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,631%   |
|                        | DC Combiner TX9-DCB8  | 227,247               | 227,247 | 454,494  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,967%   |
|                        | DC Combiner TX9-DCB9  | 243,369               | 243,369 | 486,738  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 1,036%   |
|                        | DC Combiner TX9-DCB10 | 272,553               | 272,553 | 545,106  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 1,160%   |
|                        | DC Combiner TX9-DCB11 | 291,817               | 291,817 | 583,634  | 4       | 1141,000 | 60,72    | ARE4E - 2x(1x300) | 261,8238          | 0,311%   |
|                        | DC Combiner TX9-DCB12 | 553,277               | 553,277 | 1106,554 | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x400) | 301,1652          | 1,833%   |
|                        | DC Combiner TX9-DCB13 | 532,796               | 532,796 | 1065,592 | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x400) | 301,1652          | 1,765%   |
|                        | DC Combiner TX9-DCB14 | 419,143               | 419,143 | 838,286  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 1,784%   |
|                        | DC Combiner TX9-DCB15 | 391,562               | 391,562 | 783,124  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 1,667%   |
|                        | DC Combiner TX9-DCB16 | 350,869               | 350,869 | 701,738  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 1,494%   |
|                        | DC Combiner TX9-DCB17 | 274,203               | 274,203 | 548,406  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 1,167%   |
|                        | DC Combiner TX9-DCB18 | 232,684               | 232,684 | 465,368  | 2       | 1141,000 | 30,36    | ARE4E - 2x(1x300) | 261,8238          | 0,124%   |
|                        | Central Inverter TX10 | DC Combiner TX10-DCB1 | 114,317 | 114,317  | 228,634 | 16       | 1141,000 | 242,88            | ARE4E - 2x(1x300) | 261,8238 |
| DC Combiner TX10-DCB2  |                       | 122,411               | 122,411 | 244,822  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,521%   |
| DC Combiner TX10-DCB3  |                       | 131,823               | 131,823 | 263,646  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,561%   |
| DC Combiner TX10-DCB4  |                       | 137,834               | 137,834 | 275,668  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,587%   |
| DC Combiner TX10-DCB5  |                       | 148,218               | 148,218 | 296,436  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,631%   |
| DC Combiner TX10-DCB6  |                       | 158,602               | 158,602 | 317,204  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,675%   |
| DC Combiner TX10-DCB7  |                       | 179,670               | 179,670 | 359,340  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,765%   |
| DC Combiner TX10-DCB8  |                       | 190,054               | 190,054 | 380,108  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,809%   |
| DC Combiner TX10-DCB9  |                       | 197,422               | 197,422 | 394,844  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,840%   |
| DC Combiner TX10-DCB10 |                       | 221,591               | 221,591 | 443,182  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,943%   |
| DC Combiner TX10-DCB11 |                       | 227,602               | 227,602 | 455,204  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,969%   |
| DC Combiner TX10-DCB12 |                       | 240,901               | 240,901 | 481,802  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 1,026%   |
| DC Combiner TX10-DCB13 |                       | 257,782               | 257,782 | 515,564  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 1,097%   |
| DC Combiner TX10-DCB14 |                       | 270,109               | 270,109 | 540,218  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 1,150%   |
| DC Combiner TX10-DCB15 |                       | 298,154               | 298,154 | 596,308  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 1,269%   |
| DC Combiner TX10-DCB16 |                       | 278,064               | 278,064 | 556,128  | 6       | 1141,000 | 91,08    | ARE4E - 2x(1x300) | 261,8238          | 0,444%   |
| DC Combiner TX10-DCB17 |                       | 252,208               | 252,208 | 504,416  | 15      | 1141,000 | 227,7    | ARE4E - 2x(1x300) | 261,8238          | 1,007%   |
| DC Combiner TX11-DCB1  |                       | 275,088               | 275,088 | 550,176  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 1,171%   |
| DC Combiner TX11-DCB2  |                       | 227,898               | 227,898 | 455,796  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,970%   |

|                              |                        |                       |         |         |         |          |          |                   |                   |          |
|------------------------------|------------------------|-----------------------|---------|---------|---------|----------|----------|-------------------|-------------------|----------|
|                              | DC Combiner TX11-DCB3  | 198,179               | 198,179 | 396,358 | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,844%   |
|                              | DC Combiner TX11-DCB4  | 178,149               | 178,149 | 356,298 | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,758%   |
|                              | DC Combiner TX11-DCB5  | 158,665               | 158,665 | 317,330 | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,675%   |
|                              | DC Combiner TX11-DCB6  | 138,479               | 138,479 | 276,958 | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,590%   |
|                              | DC Combiner TX11-DCB7  | 119,151               | 119,151 | 238,302 | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,507%   |
|                              | DC Combiner TX11-DCB8  | 98,809                | 98,809  | 197,618 | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,421%   |
| <b>Central Inverter TX11</b> | DC Combiner TX11-DCB9  | 88,833                | 88,833  | 177,666 | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,378%   |
|                              | DC Combiner TX11-DCB10 | 69,605                | 69,605  | 139,210 | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,296%   |
|                              | DC Combiner TX11-DCB11 | 59,395                | 59,395  | 118,790 | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,253%   |
|                              | DC Combiner TX11-DCB12 | 49,965                | 49,965  | 99,930  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,213%   |
|                              | DC Combiner TX11-DCB13 | 29,545                | 29,545  | 59,090  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,126%   |
|                              | DC Combiner TX11-DCB14 | 19,725                | 19,725  | 39,450  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,084%   |
|                              | DC Combiner TX11-DCB15 | 10,451                | 10,451  | 20,902  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,044%   |
|                              | DC Combiner TX11-DCB16 | 313,247               | 313,247 | 626,494 | 12      | 1141,000 | 182,16   | ARE4E - 2x(1x300) | 261,8238          | 1,000%   |
|                              | DC Combiner TX11-DCB17 | 83,199                | 83,199  | 166,398 | 10      | 1141,000 | 151,8    | ARE4E - 2x(1x300) | 261,8238          | 0,221%   |
|                              |                        | DC Combiner TX12-DCB1 | 212,531 | 212,531 | 425,062 | 16       | 1141,000 | 242,88            | ARE4E - 2x(1x300) | 261,8238 |
|                              | DC Combiner TX12-DCB2  | 274,159               | 274,159 | 548,318 | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 1,167%   |
|                              | DC Combiner TX12-DCB3  | 293,592               | 293,592 | 587,184 | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 1,250%   |
|                              | DC Combiner TX12-DCB4  | 312,783               | 312,783 | 625,566 | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 1,332%   |
|                              | DC Combiner TX12-DCB5  | 333,316               | 333,316 | 666,632 | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 1,419%   |
| <b>Central Inverter TX12</b> | DC Combiner TX12-DCB6  | 353,465               | 353,465 | 706,930 | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 1,505%   |
|                              | DC Combiner TX12-DCB7  | 47,694                | 47,694  | 95,388  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,203%   |
|                              | DC Combiner TX12-DCB8  | 38,130                | 38,130  | 76,260  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,162%   |
|                              | DC Combiner TX12-DCB9  | 28,544                | 28,544  | 57,088  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,122%   |
|                              | DC Combiner TX12-DCB10 | 21,872                | 21,872  | 43,744  | 16      | 1141,000 | 242,88   | ARE4E - 2x(1x300) | 261,8238          | 0,093%   |
|                              | DC Combiner TX12-DCB11 | 358,144               | 358,144 | 716,288 | 9       | 1141,000 | 136,62   | ARE4E - 2x(1x300) | 261,8238          | 0,858%   |
|                              | DC Combiner TX12-DCB12 | 23,544                | 23,544  | 47,088  | 8       | 1141,000 | 121,44   | ARE4E - 2x(1x300) | 261,8238          | 0,050%   |

### All.3 – Cavi per la distribuzione e connessione a 36 kV

La distribuzione dei cavidotti in AT a 36 kV interni all’area di impianto è funzionale al collegamento in parallelo delle varie power station. I cavidotti saranno realizzati al di sotto della viabilità interna perimetrale all’interno di ciascun lotto di terreno. La distribuzione sarà realizzata mediante cavi del tipo ARE4H5E U<sub>0</sub>/U 20,8/36 kV con tensione massima pari a 42 kV. E’ previsto l’impiego di conduttori da 185 a 630 mm<sup>2</sup>.

| <b>MEDIUM VOLTAGE POWER CABLES</b>  |   |   |  |  |  |               |                    |   |                   |   |  |  |  |
|---|---|---|--|--|--|---------------|--------------------|---|-------------------|---|--|--|--|
| <b>SINGLE CORE CABLES WITH ALUMINIUM CONDUCTOR, REDUCED THICKNESS XLPE INSULATION, ALLUMINIUM TAPE SCREEN AND PE OUTER SHEATH, LONGITUDINAL AND RADIAL WATERTIGHTNESS</b>   |   |   |  |  |  |               |                    |   |                   |   |  |  |  |
| <p><b>APPLICATIONS</b><br/>In MV energy distribution networks for voltage systems up to <b>42kV</b>.<br/>Suitable for fixed installation indoor or outdoor laying in air or directly or indirectly buried, also in wet location.</p>  |   |   |  |  |  |               |                    |   |                   |   |  |  |  |
| <p><b>FUNCTIONAL CHARACTERISTICS</b></p> <table border="0"> <tr> <td>Rated voltage U<sub>0</sub>/U:</td> <td align="right">20,8/36 kV</td> </tr> <tr> <td>Maximum voltage U<sub>m</sub>:</td> <td align="right">42 kV</td> </tr> <tr> <td>Test voltage:</td> <td align="right">3,5 U<sub>0</sub></td> </tr> <tr> <td>Max operating temperature of conductor:</td> <td align="right">90 °C</td> </tr> <tr> <td>Max short-circuit temperature:</td> <td align="right">250 °C (max duration 5 s)</td> </tr> <tr> <td>Max short-circuit temperature (screen):</td> <td align="right">150 °C</td> </tr> </table>   |   | Rated voltage U <sub>0</sub> /U:        | 20,8/36 kV                             | Maximum voltage U <sub>m</sub> :             | 42 kV                                    | Test voltage: | 3,5 U <sub>0</sub> | Max operating temperature of conductor: | 90 °C             | Max short-circuit temperature:          | 250 °C (max duration 5 s)              | Max short-circuit temperature (screen):      | 150 °C                                   |
| Rated voltage U <sub>0</sub> /U:  |   | 20,8/36 kV                              |  |  |  |               |                    |   |                   |   |  |  |  |
| Maximum voltage U <sub>m</sub> :  | 42 kV   |   |  |  |  |               |                    |   |                   |   |  |  |  |
| Test voltage:   | 3,5 U <sub>0</sub>  |   |  |  |  |               |                    |   |                   |   |  |  |  |
| Max operating temperature of conductor:   | 90 °C   |   |  |  |  |               |                    |   |                   |   |  |  |  |
| Max short-circuit temperature:  | 250 °C (max duration 5 s)   |   |  |  |  |               |                    |   |                   |   |  |  |  |
| Max short-circuit temperature (screen):   | 150 °C  |   |  |  |  |               |                    |   |                   |   |  |  |  |
| <p><b>CONSTRUCTION</b></p> <ol style="list-style-type: none"> <li><b>Conductor</b><br/><i>stranded, compacted, round aluminium - class 2 acc. to IEC 60228</i></li> <li><b>Conductor screen</b><br/><i>extruded semiconducting compound</i></li> <li><b>Insulation</b><br/><i>extruded XLPE compound</i></li> <li><b>Insulation screen</b><br/><i>extruded semiconducting compound - fully bonded</i></li> <li><b>Longitudinal watertightness</b><br/><i>semiconducting water blocking tape</i></li> <li><b>Metallic screen and radial water barrier</b><br/><i>aluminium tape longitudinally applied (nominal thickness = 0,20 mm)</i></li> <li><b>Outer sheath</b><br/><i>extruded PE compound - colour: red</i></li> </ol> |   |   |  |  |  |               |                    |   |                   |   |  |  |  |
| <p><b>INSTALLATION DATA</b></p> <p><b>Max pulling force during laying</b><br/>50 N/mm<sup>2</sup> (applied on the conductors)</p> <p><b>Min bending radius during laying</b><br/>14 D<sub>cable</sub> (dynamic condition)</p> <p><b>Min temperature during laying</b><br/>- 25 °C (cable temperature)</p>   | <p><b>STANDARDS</b></p> <p>IEC 60840 where applicable (<i>testing</i>)<br/>Nexans Design<br/>HD 620 where applicable (<i>materials</i>)</p> |   |  |  |  |               |                    |   |                   |   |  |  |  |
| <p><b>MARKING by ink-jet</b> of the following legend:<br/>"MANUFACTURER &lt;Year&gt; ARE4H5E 20,8/36kV 1x&lt;S&gt; &lt;meter marking&gt;"<br/>&lt;Year&gt; = year of manufacturing<br/>&lt;S&gt; = section of the conductor</p>   |   |   |  |  |  |               |                    |   |                   |   |  |  |  |
| <table border="0"> <tr> <td align="center"></td> <td align="center"></td> <td align="center"></td> <td align="center"></td> <td align="center"></td> <td align="center"></td> </tr> <tr> <td align="center">Longitudinal waterproof</td> <td align="center">Radial waterproof</td> <td align="center">Max operating temp. of conductor: 90 °C</td> <td align="center">Max short-circuit temperature : 250 °C</td> <td align="center">Max short-circuit temperature screen: 150 °C</td> <td align="center">Minimum installation temperature: -25 °C</td> </tr> </table>  |   |   |  |  |  |               |                    | Longitudinal waterproof                 | Radial waterproof | Max operating temp. of conductor: 90 °C | Max short-circuit temperature : 250 °C | Max short-circuit temperature screen: 150 °C | Minimum installation temperature: -25 °C |
|   |   |   |  |  |  |               |                    |   |                   |   |  |  |  |
| Longitudinal waterproof   | Radial waterproof   | Max operating temp. of conductor: 90 °C | Max short-circuit temperature : 250 °C | Max short-circuit temperature screen: 150 °C | Minimum installation temperature: -25 °C |               |                    |   |                   |   |  |  |  |

**Figura 0-1 – Specifiche tecniche cavi in AT ARE4H5E 20,8/36 kV**

I cavi sono realizzati con conduttore in alluminio e progettati per resistere fino ad una temperatura massima del conduttore pari a 90°C, sono dotati di isolamento in XLPE estruso e di rivestimento impermeabile. Sono adatti a posa anche direttamente interrati.

Durante la fase di installazione del cavo, si dovranno rispettare i valori dei raggi minimi di curvatura indicati nelle tabelle tecniche fornite dai costruttori.

I cavi saranno interrati all'interno di tubi in reflex posti all'interno di uno scavo con profondità pari a circa 1,2 m e larghezza in funzione del numero di linee. All'interno dei condotti sarà posta una singola terna di cavi fascettati a trifoglio, in modo tale da annullare il campo magnetico generato.

Le tubiere sono in genere realizzate in polietilene liscio o corrugato a doppia parete o PVC. La posa dei cavi in tubiera presenta sensibili vantaggi rispetto alla posa direttamente interrata in termini di completa indipendenza della fase di realizzazione della tubiera da quella di posa dei cavi. Il numero, la posizione e la forma delle curve delle tubiere devono consentire l'agevole infilaggio e sfilaggio dei cavi, pertanto queste saranno dimensionate in modo tale da avere un diametro maggiore ad 1,4 volte il diametro del fascio di cavi, in conformità con la normativa vigente (CEI 11-17). Si allega l'elenco dei cavi impiegati per la distribuzione a 36 kV all'interno dell'area di impianto e per connettere l'impianto alla RTN.

| From                   | To                              | Cable length, m | Number of circuits in parallel | Rated Active Power, kW | Rated Voltage, V | Rated Current, A | Line Section, mm <sup>2</sup> | Effective Current Capacity, A | ΔV losses, % |
|------------------------|---------------------------------|-----------------|--------------------------------|------------------------|------------------|------------------|-------------------------------|-------------------------------|--------------|
| Cabina smistamento CS1 | Power station TX1               | 273             | 1                              | 18'933                 | 36'000           | 337,376          | 630                           | 340,358                       | 0,04%        |
| Power station TX1      | Power station TX2               | 191             | 1                              | 16'000                 | 36'000           | 285,111          | 400                           | 327,636                       | 0,04%        |
| Power station TX2      | Power station TX5               | 533             | 1                              | 12'000                 | 36'000           | 213,833          | 185                           | 219,564                       | 0,13%        |
| Power station TX5      | Power station TX4               | 154             | 1                              | 10'933                 | 36'000           | 194,820          | 185                           | 219,564                       | 0,03%        |
| Power station TX4      | Power station TX3               | 177             | 1                              | 14'933                 | 36'000           | 266,098          | 400                           | 327,636                       | 0,03%        |
| Power station TX3      | Cabina smistamento CS1          | 541             | 1                              | 18'933                 | 36'000           | 337,376          | 630                           | 340,358                       | 0,09%        |
| Cabina smistamento CS2 | Power station TX6               | 390             | 1                              | 13'200                 | 36'000           | 235,217          | 400                           | 294,872                       | 0,06%        |
| Power station TX6      | Power station TX7               | 676             | 1                              | 8'800                  | 36'000           | 156,811          | 185                           | 197,608                       | 0,12%        |
| Power station TX7      | Power station TX8               | 581             | 1                              | 8'940                  | 36'000           | 159,306          | 185                           | 197,608                       | 0,11%        |
| Power station TX8      | Cabina smistamento CS2          | 699             | 1                              | 13'200                 | 36'000           | 235,217          | 400                           | 327,636                       | 0,11%        |
| Cabina smistamento CS2 | Cabina smistamento CS1          | 927             | 1                              | 13'200                 | 36'000           | 235,217          | 400                           | 262,109                       | 0,14%        |
| Power station TX9      | Cabina smistamento CS3          | 310             | 1                              | 4000                   | 36'000           | 71,278           | 185                           | 197,608                       | 0,03%        |
| Cabina smistamento CS3 | Cabina smistamento CS1          | 2791            | 1                              | 14'667                 | 36'000           | 261,358          | 500                           | 280,611                       | 0,40%        |
| Cabina smistamento CS4 | Power station TX11              | 69              | 1                              | 10'667                 | 36'000           | 190,080          | 185                           | 219,564                       | 0,02%        |
| Power station TX11     | Power station TX12              | 183             | 1                              | 8'000                  | 36'000           | 142,556          | 185                           | 219,564                       | 0,03%        |
| Power station TX12     | Power station TX10              | 524             | 1                              | 6'667                  | 36'000           | 118,802          | 185                           | 219,564                       | 0,07%        |
| Power station TX10     | Cabina smistamento CS4          | 507             | 1                              | 10'667                 | 36'000           | 190,080          | 185                           | 197,608                       | 0,11%        |
| Cabina smistamento CS4 | Cabina smistamento CS3          | 823             | 1                              | 10'667                 | 36'000           | 190,080          | 185                           | 197,608                       | 0,18%        |
| Cabina smistamento CS1 | Stallo utente 36 kV SE Mandrino | 12635           | 2                              | 46'800                 | 36'000           | 700,000          | 630                           | 446,880                       | 2,50%        |