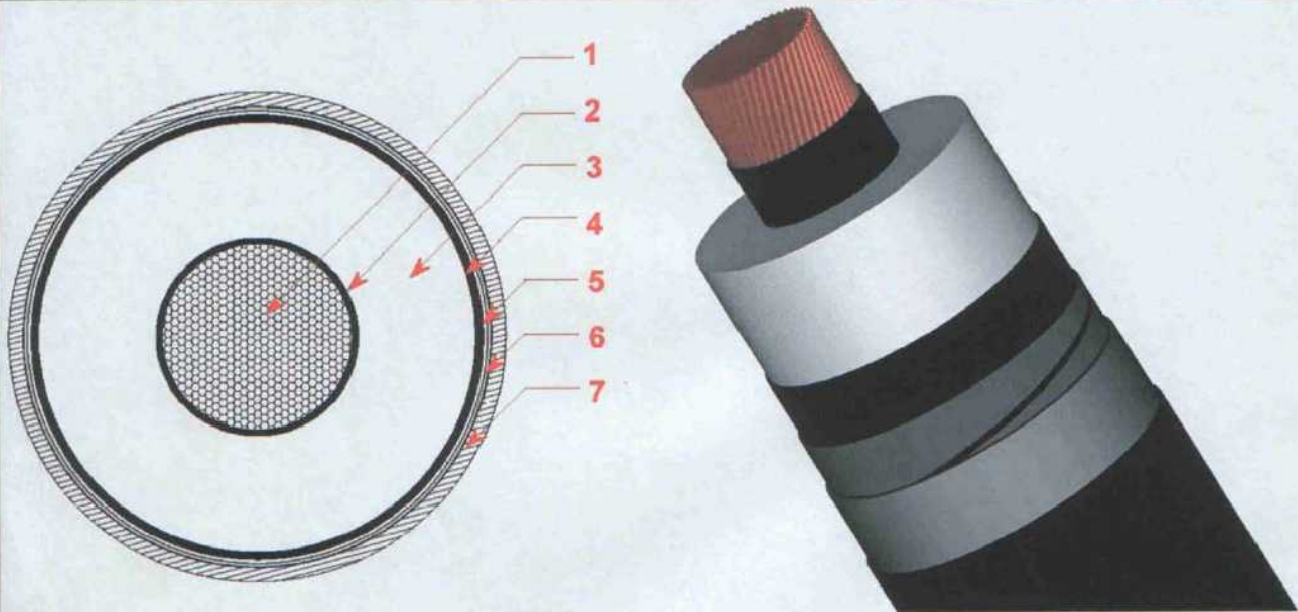


Allegato 6 Progetto di massima dell'elettrodotto in cavo interrato, a 380 kV, di collegamento della centrale Teleriscaldamento di Lamarmora con la Rete elettrica di Trasmissione Nazionale

Sezione cavo 380 kV

TYPE OF CABLE : SINGLE CORE CONDUCTOR ALLUMINIUM SHEATH

Voltage 220/380(420)kV	Conductor Size 1000 mm ²	Insulation XLPE	Short Circuit Current 50 kA for 1 sec
----------------------------------	---	---------------------------	---



Diagrammatic Only - Not to Scale

Item	Description	Nominal Thickness [mm]	Details	Indicative Diameter [mm]
1	Conductor		Copper Compacted	39.2
2	Conductor Screen		Semi-conductive polymer	
3	Insulation	26.8	XLPE	97.4
4	Insulation Screen		Semi-conductive polymer	
5	Water Barrier		Hygroscopic Tapes	
6	Metallic Sheath	1.5	Al Tape Longitudinally Welded	105.7
7	Outer Serving	4.5	PE with Graphite Coating	115.5

Other Data:

Approx. Cable weight: 18.8 kg/m

Bending Radii:

during laying: 3.5 m

with former: 2.4 m

Notes:

-