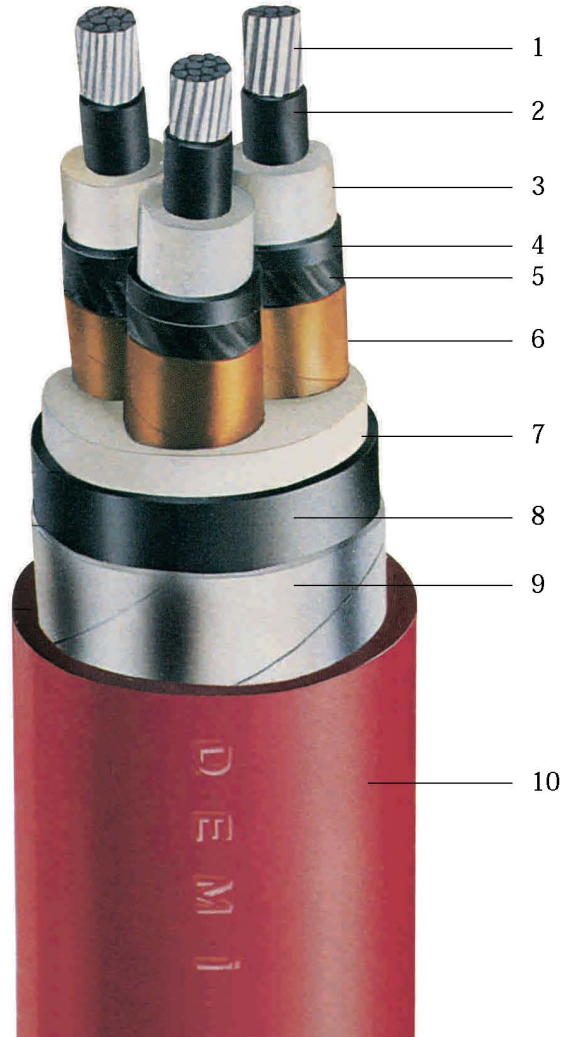


### 3.6/6 kV XLPE INSULATED STEEL TAPE ARMoured THREE-CORE CABLES WITH ALUMINIUM CONDUCTOR

According to IEC 60502-2

**Construction:**

- 1-Aluminium conductor
- 2-Inner semi-conductive layer
- 3-XLPE insulation
- 4-Outer semi-conductive layer
- 5-Semi-conductive tape
- 6-Copper tape screen
- 7-Filling
- 8-PVC separation sheath
- 9-Galvanized double steel tape armour
- 10-PVC outersheath



**Application:**

Under heavy duty conditions, under ground, in power and switching stations, urban networks, industrial plants, where there is a risk of mechanical damage.

Permissible operating temperature 90°C  
Permissible short circuit temperature 250°C  
(5 s max. duration)

DIMENSIONS AND WEIGHTS					ELECTRICAL DATA				
Nominal cross-section	Overall diameter approx.	Net weight approx.	Standard delivery length	Delivery reel size	Conductor dc resistance at 20°C (max.)	Operating inductance approx.	Operating capacitance approx.	Current carrying capacity*	
								in ground	in air
mm <sup>2</sup>	mm	kg/km	m	cm	ohm/km	mH/km	µF/km	A	A
3x 50/16	49.0	3280	1000	261	0.641	0.34	0.30	160	150
3x 70/16	53.0	3880	1000	261	0.443	0.32	0.35	199	191
3x 95/16	57.0	4480	1000	261	0.320	0.31	0.39	238	236
3x120/16	60.0	5070	1000	261	0.253	0.30	0.43	275	273
3x150/25	63.0	5660	500	221	0.206	0.29	0.47	307	313
3x185/25	67.0	6360	500	261	0.164	0.28	0.50	349	360
3x240/25	74.0	7650	500	261	0.125	0.27	0.55	410	426
3x300/25	82.0	9430	250	241	0.100	0.26	0.57	460	491
3x400/35	91.0	12140	250	261	0.0778	0.26	0.59	520	564

\* Please refer to Explanatory Notes.