

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

According to IEC 60502-2

Construction:

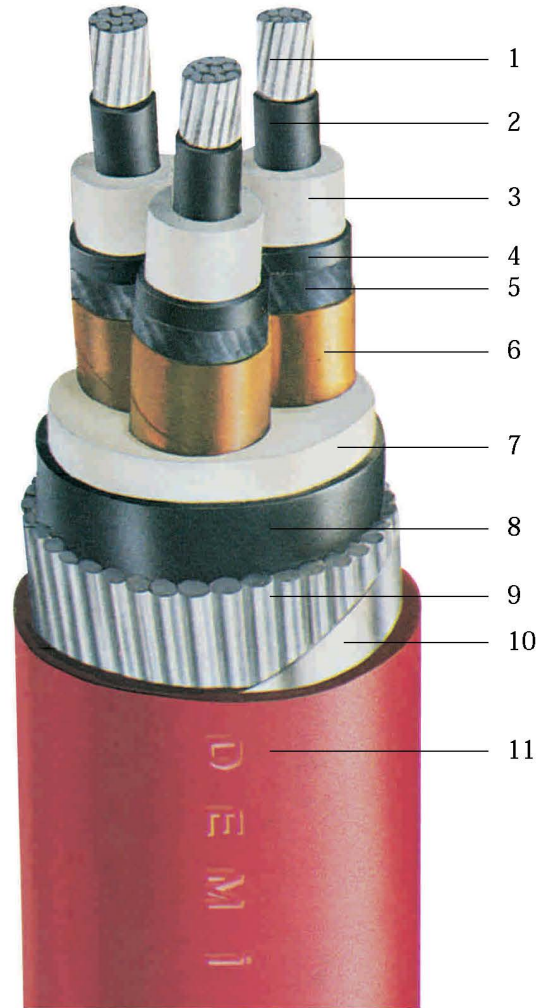
- 1-Aluminium conductor
- 2-Inner semi-conductive layer
- 3-XLPE insulation
- 4-Outer semi-conductive layer
- 5-Semi-conductive tape
- 6-Copper tape screen
- 7-Filling
- 8-PVC separation sheath
- 9-Galvanized round steel wire armour
- 10-Galvanized steel tape helix
- 11-PVC outer sheath

(VDE Code: A2XSEYRGbY)

Application:

Under heavy duty conditions, under ground, in cable ducts, 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 ²	mm	kg/km	m	cm	ohm/km	mH/km	µF/km	A	A	
3x 50/16	52.0	4750	1000	261	0.641	0.34	0.30	160	150	
3x 70/16	56.0	5510	500	221	0.443	0.32	0.35	199	191	
3x 95/16	60.0	6370	500	221	0.320	0.31	0.39	238	236	
3x120/16	64.0	6950	500	221	0.253	0.30	0.43	275	273	
3x150/25	67.0	7660	500	261	0.206	0.29	0.47	307	313	
3x185/25	71.0	8460	500	261	0.164	0.28	0.50	349	360	
3x240/25	77.0	9960	500	261	0.125	0.27	0.55	410	426	
3x300/25	87.0	12960	250	261	0.100	0.26	0.57	460	528	
3x400/35	94.0	15200	250	261	0.0778	0.26	0.59	520	564	

* Please refer to Explanatory Notes.