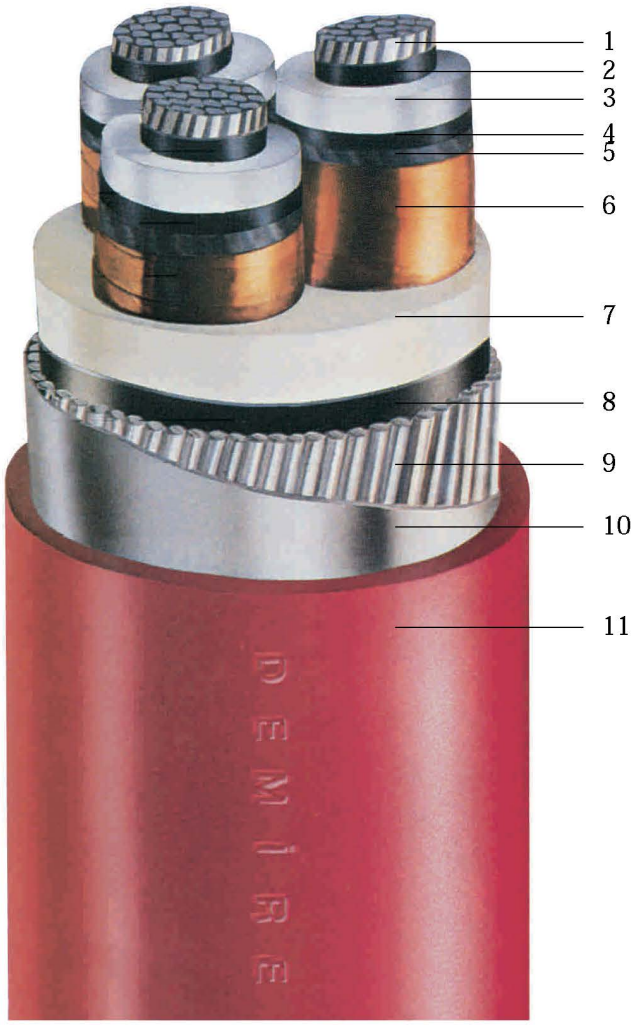
6/10 kV XLPE INSULATED STEEL WIRE ARMOURED THREE-CORE CABLES WITH ALUMINIUM CONDUCTOR

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 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 lenght	Delivery reel size	Conductor dc resistance at 20°C (max.)	Operating inductance approx.	Operating capacitance approx.	Current carrying capacity* approx.	
								in ground	in air
mm^2	mm	kg/km	m	cm	ohm/km	mH/km	µF/km	A	A
3x 50/16	57.0	5410	500	221	0.641	0.36	0.24	162	160
3x 70/16	60.0	6140	500	221	0.443	0.34	0.27	199	199
3x 95/16	65.0	6960	500	261	0.320	0.32	0.30	238	242
3x120/16	68.0	7690	500	261	0.253	0.31	0.33	271	280
3x150/25	72.0	8410	500	261	0.206	0.30	0.36	304	318
3x185/25	75.0	9310	500	261	0.164	0.29	0.39	345	365
3x240/25	83.0	11610	250	241	0.125	0.28	0.44	401	431
3x300/25	90.0	13630	250	261	0.100	0.27	0.48	453	494
3x400/35	96.0	15610	250	281	0.0778	0.26	0.53	517	569

* Please refer to Explanatory Notes.