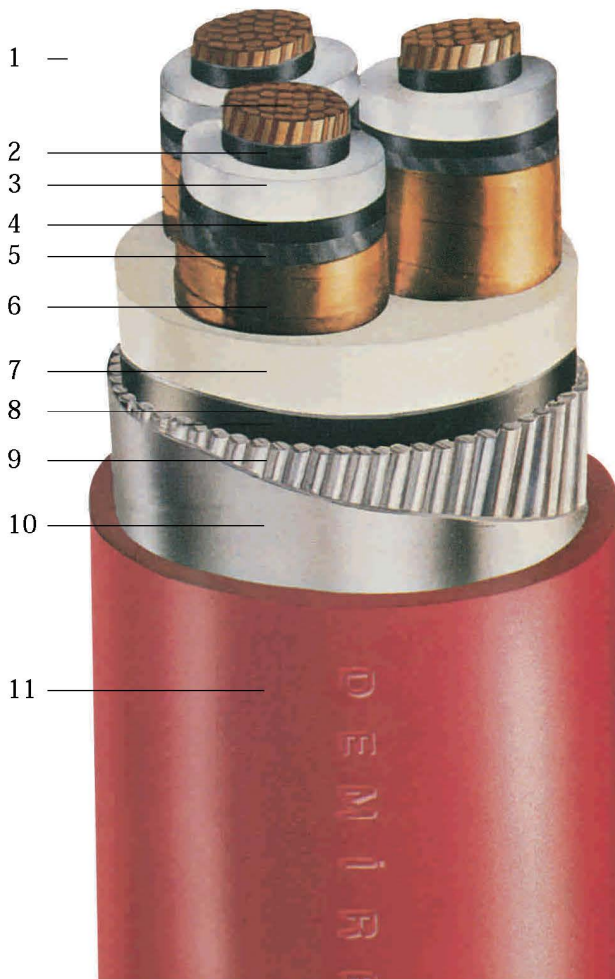


**6/10 kV XLPE INSULATED STEEL WIRE ARMoured  
THREE-CORE CABLES WITH COPPER CONDUCTOR**

According to IEC 60502-2



**Construction:**

- 1-Copper 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: 2XSEYRGbY)

**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 25/16	51.0	4950	1000	261	0.727	0.40	0.20	148	143
3x 35/16	54.0	5600	500	221	0.524	0.38	0.22	178	173
3x 50/16	57.0	6260	500	221	0.387	0.36	0.24	210	206
3x 70/16	60.0	7410	500	221	0.268	0.34	0.27	256	257
3x 95/16	65.0	8680	500	261	0.193	0.32	0.30	307	313
3x120/16	68.0	9850	500	261	0.153	0.31	0.33	349	360
3x150/25	72.0	11070	250	221	0.124	0.30	0.36	392	410
3x185/25	75.0	12640	250	221	0.0991	0.29	0.39	443	469
3x240/25	83.0	15970	250	241	0.0754	0.28	0.44	513	553
3x300/25	90.0	19100	250	261	0.0601	0.27	0.48	576	635
3x400/35	96.0	22700	250	281	0.0470	0.26	0.53	650	731

\* Please refer to Explanatory Notes.