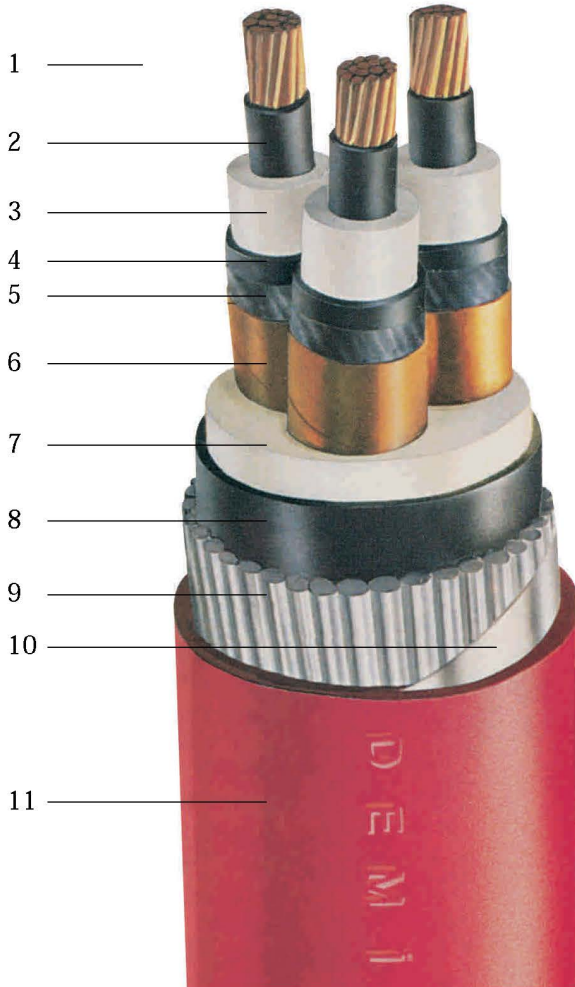


3.6/6 kV XLPE INSULATED STEEL WIRE ARMoured THREE-CORE CABLES WITH COPPER CONDUCTOR

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 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 25/16	46.0	4020	1000	221	0.727	0.37	0.25	149	141
3x 35/16	49.0	4590	1000	261	0.524	0.35	0.28	176	171
3x 50/16	52.0	5600	500	221	0.387	0.34	0.30	208	196
3x 70/16	56.0	6780	500	221	0.268	0.32	0.35	255	249
3x 95/16	60.0	8090	500	221	0.193	0.31	0.39	307	307
3x120/16	64.0	9110	500	221	0.153	0.30	0.43	353	353
3x150/25	67.0	10320	500	261	0.124	0.29	0.47	396	406
3x185/25	71.0	11790	250	221	0.0991	0.28	0.50	447	464
3x240/25	77.0	14320	250	221	0.0754	0.27	0.55	523	548
3x300/25	87.0	18430	250	261	0.0601	0.26	0.57	581	632
3x400/35	94.0	22290	250	261	0.0470	0.26	0.59	653	726

* Please refer to Explanatory Notes.