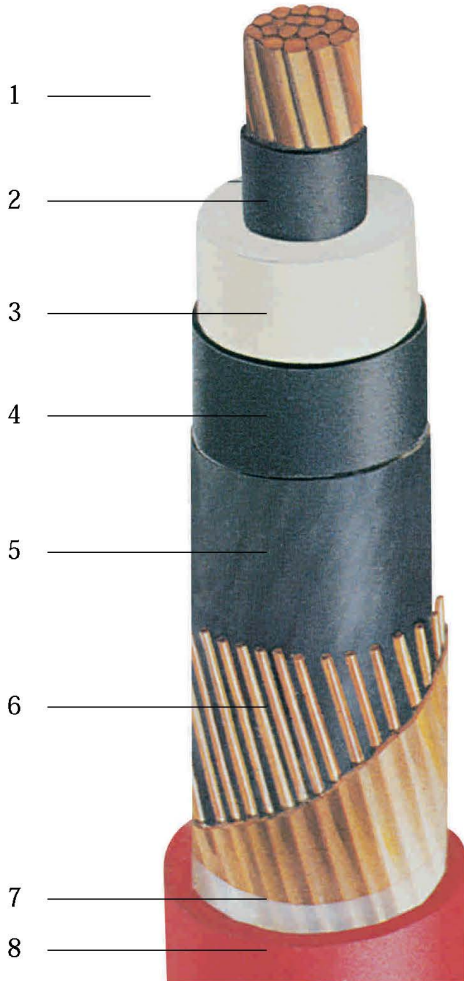


## 6/10 kV XLPE INSULATED SINGLE CORE CABLES WITH COPPER CONDUCTOR

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 wire screen
- 7-Separation foil
- 8-PVC outer sheath

(VDE Code: N2XSY)

**Application:**

Under heavy duty conditions, under ground, in cable ducts, in power and switching stations, urban networks, industrial plants.

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	mH/km	µF/km	A	A	A	A
1x 25/16	22.0	730	1000	141	0.727	0.78	0.45	0.20	179	157	191	162
1x 35/16	24.0	860	1000	141	0.524	0.75	0.43	0.22	212	187	231	195
1x 50/16	25.0	980	1000	141	0.387	0.73	0.41	0.24	249	220	277	234
1x 70/16	26.0	1230	1000	141	0.268	0.69	0.38	0.27	303	269	345	292
1x 95/16	28.0	1480	1000	161	0.193	0.66	0.36	0.30	358	321	418	354
1x120/16	29.0	1730	1000	161	0.153	0.64	0.35	0.33	404	364	481	407
1x150/25	31.0	2100	1000	161	0.124	0.62	0.34	0.36	441	405	537	460
1x185/25	33.0	2460	1000	161	0.0991	0.61	0.33	0.39	493	457	612	527
1x240/25	35.0	3030	1000	181	0.0754	0.58	0.32	0.44	563	528	716	621
1x300/25	38.0	3650	1000	201	0.0601	0.56	0.31	0.48	626	593	811	709
1x400/35	41.0	4610	1000	221	0.0470	0.55	0.30	0.53	676	665	901	815
1x500/35	45.0	5660	500	161	0.0366	0.53	0.29	0.59	743	739	1006	921
1x630/35	50.0	7110	500	201	0.0283	0.51	0.28	0.68	820	818	1130	1045

\* Please refer to Explanatory Notes.