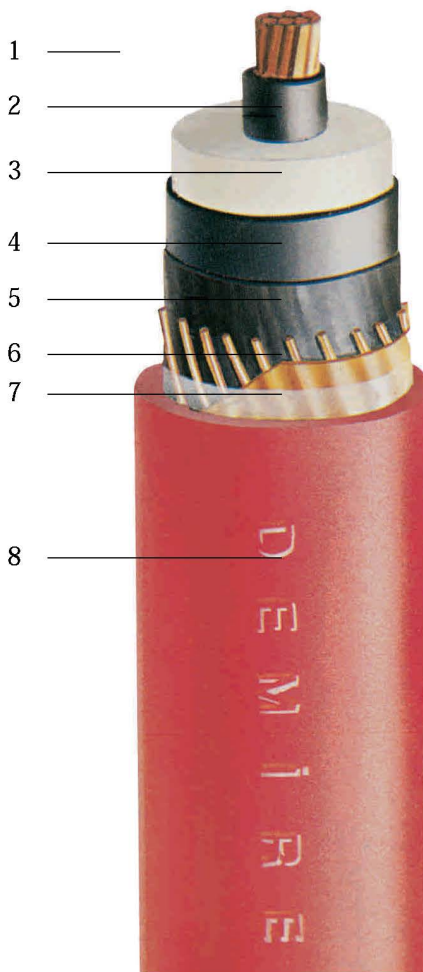


18/30 kV XLPE INSULATED SINGLE CORE CABLES WITH COPPER CONDUCTOR

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* approx.				
									in ground		in air		
mm ²	mm	kg/km	m	cm	ohm/km	mH/km	mH/km	µF/km	A	A	A	A	
1x 50/16	34.0	1400	1000	161	0.387	0.74	0.47	0.13	251	226	279	241	
1x 70/16	36.0	1670	1000	181	0.268	0.71	0.45	0.15	306	276	348	299	
1x 95/16	38.0	1970	1000	201	0.193	0.68	0.42	0.16	363	329	421	362	
1x120/16	40.0	2240	1000	221	0.153	0.66	0.41	0.17	410	373	483	416	
1x150/25	41.0	2650	1000	221	0.124	0.64	0.40	0.19	449	415	540	469	
1x185/25	43.0	3010	1000	221	0.0991	0.63	0.38	0.20	503	468	615	536	
1x240/25	45.0	3640	1000	221	0.0754	0.60	0.37	0.22	576	541	718	630	
1x300/25	48.0	4280	1000	221	0.0601	0.58	0.35	0.24	641	608	812	717	
1x400/35	52.0	5310	500	201	0.0470	0.56	0.34	0.26	697	684	904	823	
1x500/35	55.0	6410	500	221	0.0366	0.55	0.33	0.28	768	762	1011	929	
1x630/35	60.0	7930	500	221	0.0283	0.52	0.32	0.32	858	847	1128	1043	

* Please refer to Explanatory Notes.