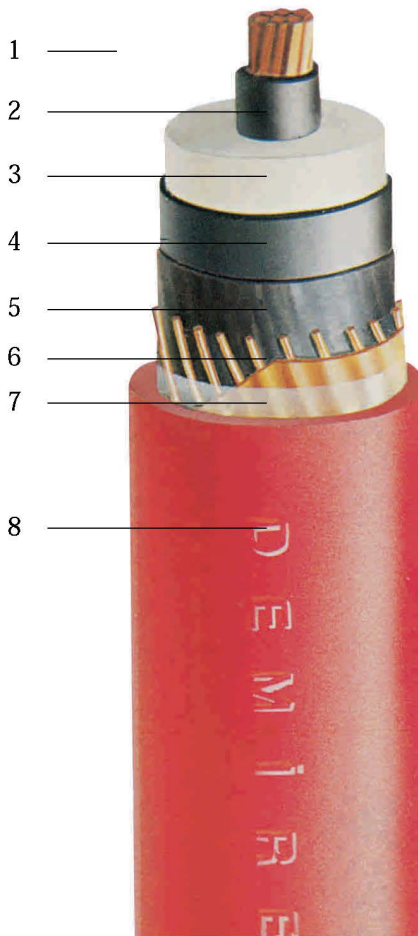


12/20 kV XLPE INSULATED SINGLE CORE CABLES WITH COPPER CONDUCTOR

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 approx.		in air	
mm ²	mm	kg/km	m	cm	ohm/km	mH/km	mH/km	µF/km	A	A	A	A
1x 35/16	28.0	1010	1000	161	0.524	0.76	0.46	0.16	213	189	233	199
1x 50/16	29.0	1140	1000	161	0.387	0.73	0.44	0.17	250	223	279	238
1x 70/16	31.0	1410	1000	161	0.268	0.70	0.42	0.19	304	273	347	296
1x 95/16	33.0	1680	1000	161	0.193	0.67	0.39	0.21	361	325	420	358
1x120/16	34.0	1950	1000	161	0.153	0.65	0.38	0.23	407	368	483	412
1x150/25	36.0	2330	1000	181	0.124	0.63	0.37	0.25	445	410	540	466
1x185/25	37.0	2720	1000	201	0.0991	0.62	0.36	0.27	498	463	614	532
1x240/25	40.0	3290	1000	221	0.0754	0.59	0.34	0.30	569	534	718	627
1x300/25	42.0	3910	1000	221	0.0601	0.57	0.33	0.32	633	601	813	715
1x400/35	46.0	4910	1000	221	0.0470	0.56	0.32	0.35	686	674	904	819
1x500/35	50.0	5980	500	201	0.0366	0.54	0.31	0.39	756	750	1011	927
1x630/35	54.0	7460	500	221	0.0283	0.51	0.30	0.44	842	836	1128	1041

* Please refer to Explanatory Notes.