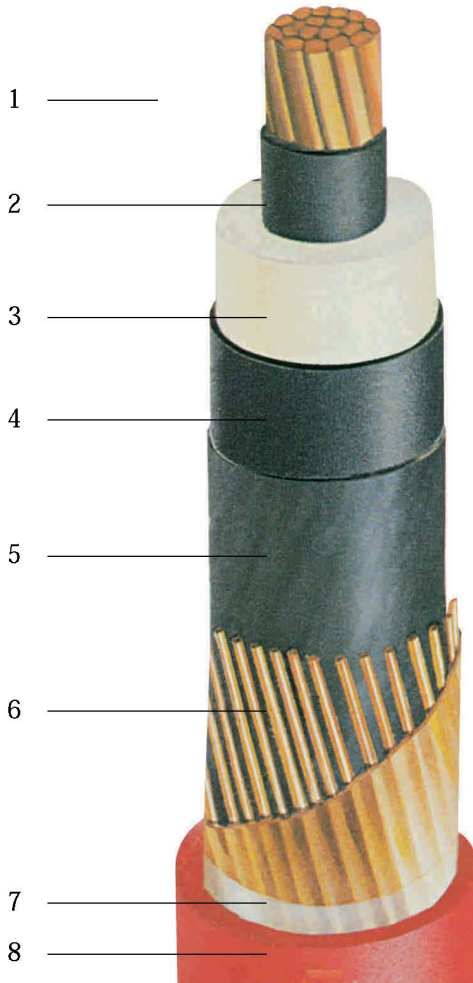


8.7/15 kV XLPE INSULATED SINGLE CORE CABLES WITH COPPER CONDUCTOR

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: 2XSY)

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 ²	mm	kg/km	m	cm	ohm/km	mH/km	mH/km	µF/km	A	A	A	A
1x 25/16	25.0	810	1000	141	0.727	0.79	0.47	0.16	179	157	191	162
1x 35/16	26.0	930	1000	141	0.524	0.75	0.44	0.18	212	187	231	195
1x 50/16	27.0	1060	1000	161	0.387	0.73	0.43	0.19	249	220	277	234
1x 70/16	29.0	1310	1000	161	0.268	0.70	0.40	0.22	303	269	345	292
1x 95/16	30.0	1570	1000	161	0.193	0.67	0.38	0.24	358	321	418	354
1x120/16	32.0	1840	1000	161	0.153	0.65	0.37	0.27	404	364	481	407
1x150/25	33.0	2200	1000	161	0.124	0.63	0.35	0.29	441	405	537	460
1x185/25	35.0	2580	1000	181	0.0991	0.61	0.34	0.31	493	457	612	527
1x240/25	38.0	3160	1000	201	0.0754	0.59	0.33	0.34	563	528	716	621
1x300/25	40.0	3760	1000	221	0.0601	0.57	0.32	0.38	626	593	811	709
1x400/35	44.0	4770	1000	221	0.0470	0.55	0.31	0.41	676	665	901	815
1x500/35	47.0	5830	500	181	0.0366	0.53	0.30	0.46	743	739	1006	921
1x630/35	52.0	7290	500	221	0.0283	0.51	0.29	0.53	820	818	1130	1045

* Please refer to Explanatory Notes.