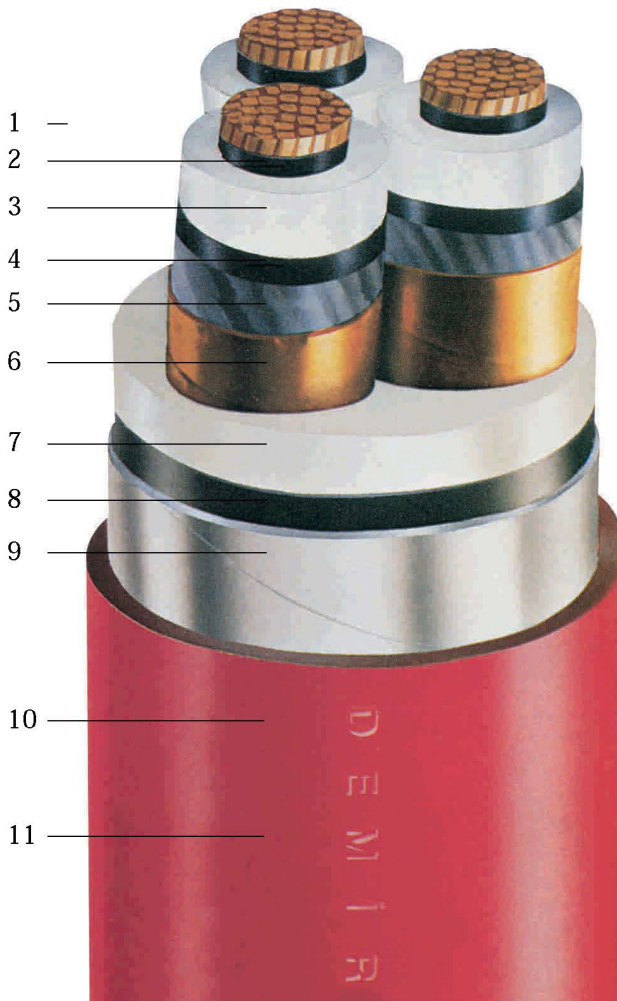


8.7/15 kV XLPE INSULATED STEEL TAPE ARMoured THREE-CORE CABLES WITH COPPER CONDUCTOR

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 double steel tape armour
- 10-PVC outer sheath

Application:

Under heavy duty conditions, under ground, 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	53.0	4130	1000	261	0.727	0.42	0.16	148	143
3x 35/16	55.0	4690	1000	261	0.524	0.40	0.18	178	173
3x 50/16	58.0	5290	500	221	0.387	0.38	0.19	210	206
3x 70/16	62.0	6370	500	221	0.268	0.36	0.22	256	257
3x 95/16	66.0	7500	500	261	0.193	0.34	0.24	307	313
3x120/16	70.0	8610	500	261	0.153	0.33	0.27	349	360
3x150/25	73.0	9770	500	261	0.124	0.32	0.29	392	410
3x185/25	77.0	11240	250	221	0.0991	0.31	0.31	443	469
3x240/25	84.0	14020	250	261	0.0754	0.30	0.34	513	553
3x300/25	91.0	17290	250	261	0.0601	0.29	0.38	576	635
3x400/35	98.0	20750	250	281	0.0470	0.28	0.41	650	731

* Please refer to Explanatory Notes.