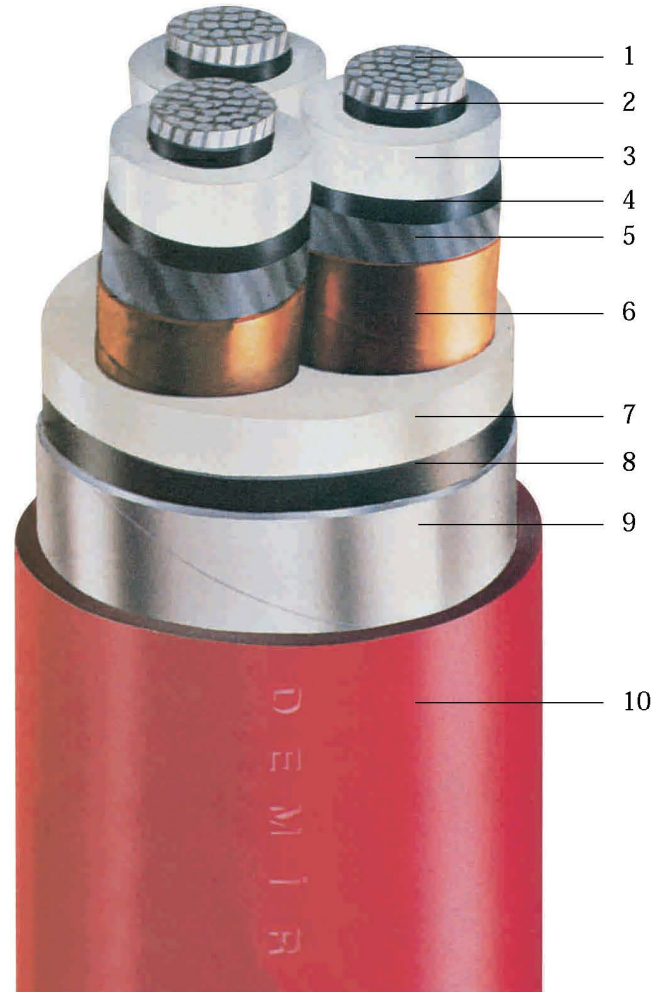


8.7/15 kV XLPE INSULATED STEEL TAPE ARMoured THREE-CORE CABLES WITH ALUMINIUM CONDUCTOR

According to IEC 60502-2

Construction:

- 1-Aluminium 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 50/16	58.0	4440	1000	261	0.641	0.38	0.19	162	160	
3x 70/16	62.0	5100	500	221	0.443	0.36	0.22	199	199	
3x 95/16	66.0	5780	500	261	0.320	0.34	0.24	238	242	
3x120/16	70.0	6450	500	261	0.253	0.33	0.27	271	280	
3x150/25	73.0	7110	500	261	0.206	0.32	0.29	304	318	
3x185/25	77.0	7910	500	261	0.164	0.31	0.31	345	365	
3x240/25	84.0	9660	250	241	0.125	0.30	0.34	401	431	
3x300/25	91.0	11820	250	261	0.100	0.29	0.38	453	494	
3x400/35	98.0	13660	250	281	0.0778	0.28	0.41	517	569	

* Please refer to Explanatory Notes.