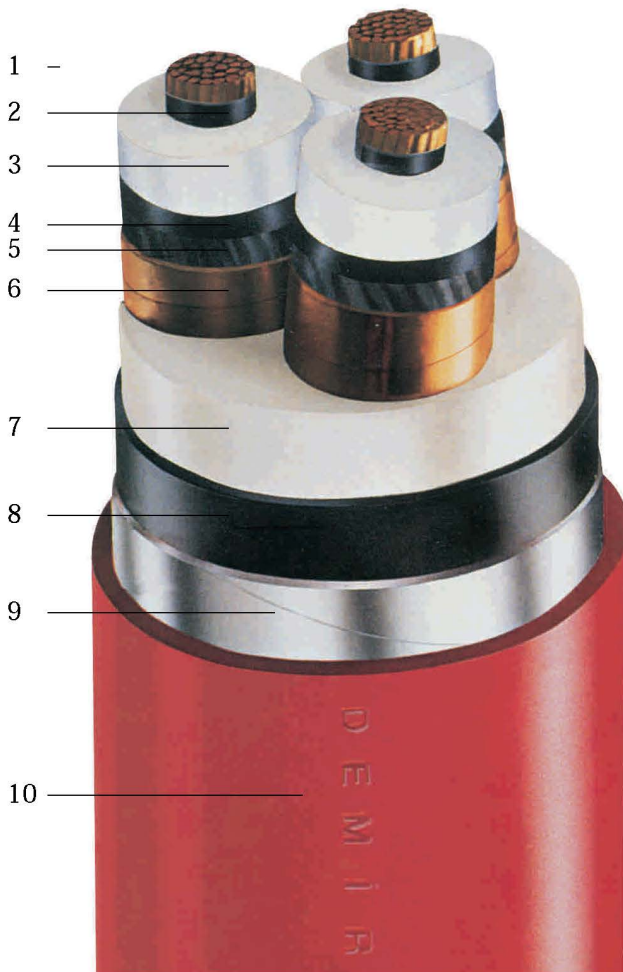


**18/30 kV XLPE INSULATED STEEL TAPE ARMoured  
THREE-CORE CABLES WITH COPPER CONDUCTOR**

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 <sup>2</sup>	mm	kg/km	m	cm	ohm/km	mH/km	µF/km	A	A
3x 50/16	75.0	7750	500	261	0.387	0.44	0.13	214	210
3x 70/16	79.0	8940	500	281	0.268	0.41	0.15	261	262
3x 95/16	85.0	10730	250	261	0.193	0.39	0.16	313	319
3x120/16	90.0	12800	250	261	0.153	0.38	0.17	356	364
3x150/25	93.0	14010	250	261	0.124	0.36	0.19	400	418
3x185/25	97.0	15740	250	281	0.0991	0.35	0.20	441	478
3x240/25	103.0	18350	200	281	0.0754	0.34	0.22	510	562

\* Please refer to Explanatory Notes.