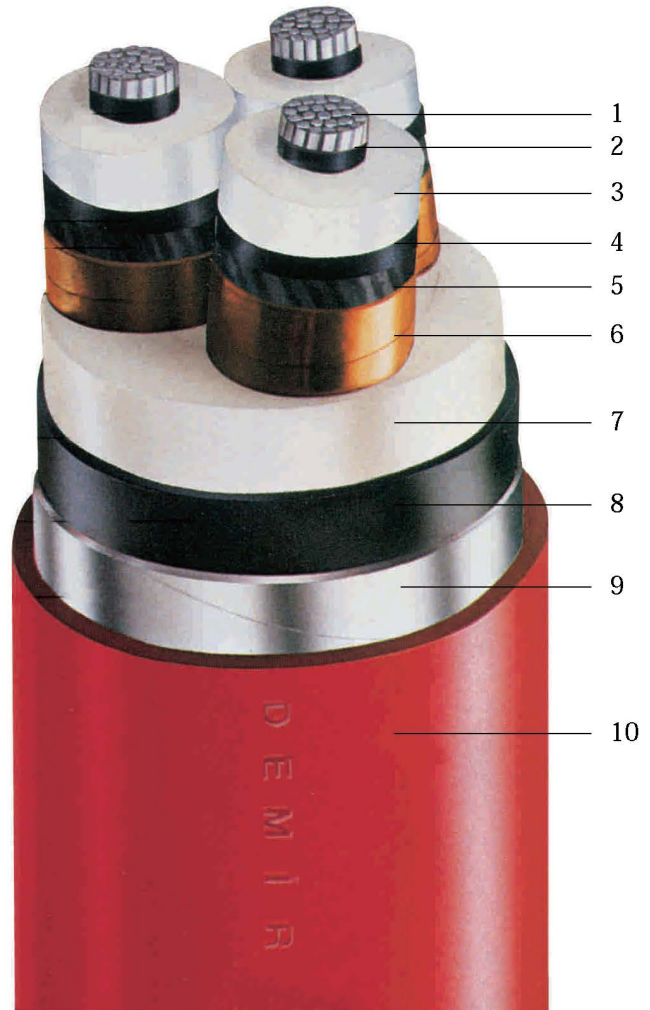


**18/30 kV XLPE INSULATED STEEL TAPE ARMoured
THREE-CORE CABLES WITH ALUMINIUM CONDUCTOR**

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	75.0	6900	500	261	0.641	0.44	0.13	166	164
3x 70/16	79.0	7670	500	281	0.443	0.41	0.15	204	204
3x 95/16	85.0	9010	250	261	0.320	0.39	0.16	244	248
3x120/16	90.0	10640	250	261	0.253	0.38	0.17	278	284
3x150/25	93.0	11350	250	261	0.206	0.36	0.19	312	326
3x185/25	97.0	12410	250	281	0.164	0.35	0.20	343	374
3x240/25	103.0	13990	250	281	0.125	0.34	0.22	398	440

* Please refer to Explanatory Notes.