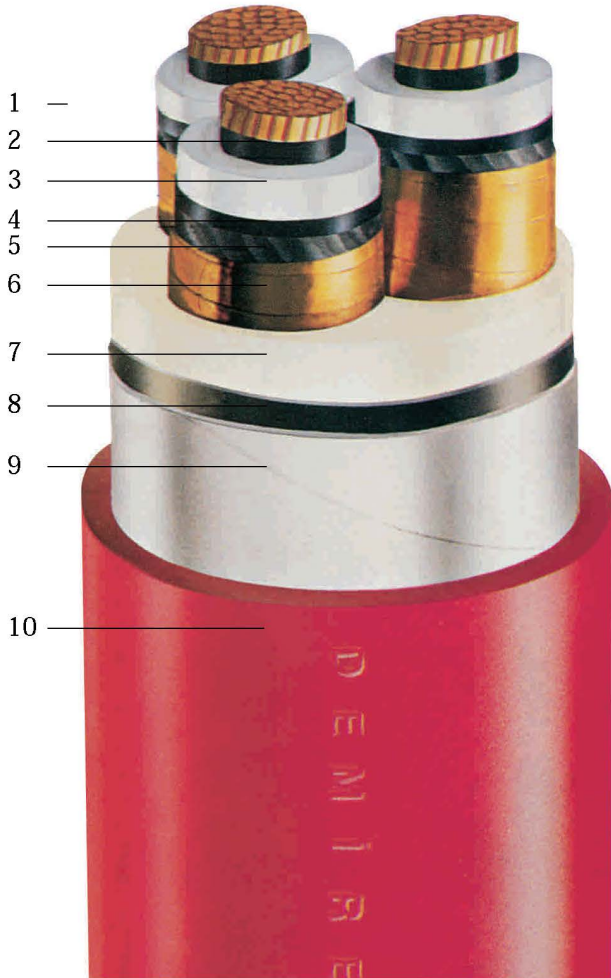


## 6/10 kV XLPE INSULATED STEEL TAPE ARMoured THREE-CORE CABLES WITH COPPER CONDUCTOR

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 25/16	48.0	3510	1000	221	0.727	0.40	0.20	148	143
3x 35/16	50.0	4060	1000	261	0.524	0.38	0.22	178	173
3x 50/16	53.0	4630	1000	261	0.387	0.36	0.24	210	206
3x 70/16	57.0	5660	500	221	0.268	0.34	0.27	256	257
3x 95/16	61.0	6770	500	221	0.193	0.32	0.30	307	313
3x120/16	65.0	7850	500	261	0.153	0.31	0.33	349	360
3x150/25	68.0	8980	500	261	0.124	0.30	0.36	392	410
3x185/25	72.0	10380	250	221	0.0991	0.29	0.39	443	469
3x240/25	78.0	12680	250	221	0.0754	0.28	0.44	513	553
3x300/25	85.0	15440	250	261	0.0601	0.27	0.48	576	635
3x400/35	93.0	19620	250	261	0.0470	0.26	0.53	650	731

\* Please refer to Explanatory Notes.