

**6/10 kV XLPE INSULATED STEEL TAPE ARMoured
THREE-CORE CABLES WITH ALUMINIUM CONDUCTOR**

According to IEC 60502-2

Construction:

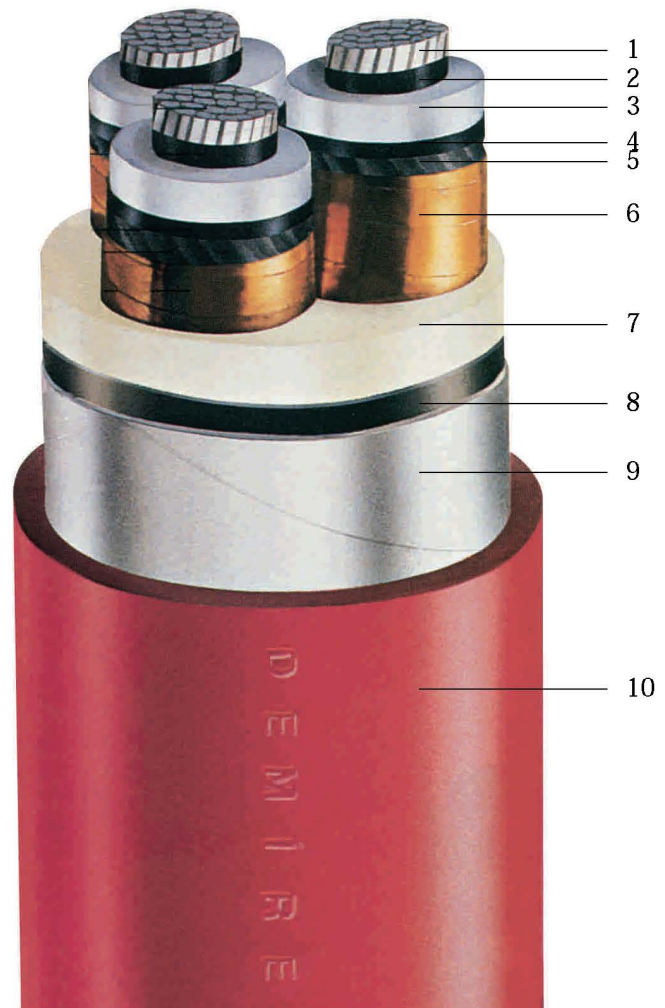
- 1-Aluminium conductor
- 2-Inner semi-conductive layer
- 3-XLPE insulation
- 4-Outer semi-conductive layer
- 5-Semi-conductive tape
- 6-Copper tape screen
- 7-Filling
- 8-PVC separation sheath
- 9-Galvanized double steel tape armour
- 10-PVC outer sheath

(VDE Code: A2XSEYRGbY)

Application:

Under heavy duty conditions, under ground, in power and switching stations, urban network 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	53.0	3780	1000	261	0.641	0.36	0.24	162	160	
3x 70/16	57.0	4390	1000	261	0.443	0.34	0.27	199	199	
3x 95/16	61.0	5050	500	221	0.320	0.32	0.30	238	242	
3x120/16	65.0	5690	500	261	0.253	0.31	0.33	271	280	
3x150/25	68.0	6320	500	261	0.206	0.30	0.36	304	318	
3x185/25	72.0	7050	500	261	0.164	0.29	0.39	345	365	
3x240/25	78.0	8320	500	261	0.125	0.28	0.44	401	431	
3x300/25	85.0	9970	250	261	0.100	0.27	0.48	453	494	
3x400/35	93.0	12530	250	261	0.0778	0.26	0.53	517	569	

* Please refer to Explanatory Notes.