

Cable XLPE/PVC

APPLICATION

N2XY 0.6/1 kV XLPE/PVC insulated single core cables with copper conductor cathodic cable for protection against electrolytic and galvanic corrosion of objects, for example pipelines and other submerged or buried metal structures.

XLPE/PVC DATA

Single core XLPE insulated/PVC sheathed 600/1000V/BS7889 6181XY

Conductors: EN 60228 class 1-2 copper

Insulation: XLPE, BS 7655 Type GP8 IEC

Sheath/Jacket: PVC, IEC 60502-1 ST1

Colours: Black/Black, Red/Red

Voltage: 600/1000v

Operating temperature: Maximum 90°C, minimum bending 0°C

Applicable Standards: TS IEC 60502-1; VDE 0276-603; IEC 60502-1

Minimum Bending Radius: 4 x overall diameter



STANDARD CABLE SIZES, DIMENSIONS & WEIGHTS

Size (mm ²)	Overall Diameter (mm)	RT of Sheath (mm)	Conductor DC Resistance at 20° C Ohms/Km	Weight (kg/km)
2.5	6.1	1.4	7.41	60
4	6.5	1.4	4.61	80
6	7	1.4	3.08	100
10	8	1.4	1.83	140
16	9	1.4	1.15	200
25	10.5	1.4	0.727	300
35	11.5	1.4	0.524	400
50	13	1.4	0.387	520
70	15	1.5	0.268	720
95	17	1.5	0.193	1000
120	19	1.6	0.153	1200

Cable sizes are nominal and may vary according to different manufacturer's tolerances