



CABLE XLPE/PVC


REVISION 1

APPLICATION

Surface wiring & buried if protected by clean sand. Suitable for use as anode cable tails, positive feed cable, negative return cable and test cable.

XLPE/PVC CABLE DATA



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

Conductors: Plain annealed copper

Insulation: XLPE (Cross linked Polyethylene)

Sheath/Jacket: PVC (Polyvinyl-Chloride)

Colours: Black/Black, Red/Red

Voltage: 600/1000v

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

Standard: BS7889 & IEC60502

Minimum bending radius : Diameter up to 25mm, 4 x OD; Diameter over 25mm, 6 x OD

STANDARD CABLE SIZES DIMENSIONS AND WEIGHTS

Size (mm ²)	Maximum Dia Over Conductor (mm)	RT of Insulation (mm)	Dia over Core (mm)	RT of Sheath (mm)	Nominal Overall Dia (mm)	Weight (Kg/km)
6	3.12	0.7	4.5	1.4	7.3	104
10	4.05	0.7	5.5	1.4	8.3	150
16	5.10	0.7	6.5	1.4	9.3	214
25	6.40	0.9	8.2	1.4	11.0	317
35	7.50	0.9	9.3	1.4	12.1	420
50	8.90	1.0	11.1	1.4	14.2	560
70	10.70	1.1	13.2	1.5	16.4	787
95	12.60	1.1	15.0	1.5	18.3	1050
120	14.98	1.2	17.6	1.6	21.2	1450
150	15.96	1.4	19.0	1.7	22.8	1650
185	17.78	1.6	21.3	1.7	25.1	2030
240	20.52	1.7	24.3	1.9	28.4	2660