

**Power and Signaling Cables,
XLPE Insulated, PVC Sheathed**

**0.6/1 KV XLPE Insulated Low Voltage
Power Cables**



Construction

Conductor : Solid or stranded copper
 Insulation : XLPE
 Filler : PVC
 Outer Sheath : PVC

Application

Where mechanical damage is unexpected in doors, underground, in cable ducts and industrial plants to be power cables.

Specifications

Max. Operating Temperature: 90°C
 Short Circuit Temperature: 200°C
 Min. Bending Radius: 15 x dia

Number of Conductors per Nominal Cross Section	Class of Conductor	Insulation Thickness Nominal	Sheath Thickness Nominal	Overall Diameter Nominal	Max Conductor Resistance at 20°C	Indicative Cable Weight
n x sq mm		mm	mm	mm	ohms/km	kg/km
1 x 1.5	1	0.7	1.4	5.9	12.1	50
1 x 2.5	1	0.7	1.4	6.2	7.41	60
1 x 4	1	0.7	1.4	6.7	4.61	75
1 x 6	2	0.7	1.4	7.6	3.08	100
1 x 10	2	0.7	1.4	8.6	1.83	150
1 x 16	2	0.7	1.4	9.2	1.15	210
1 x 25	2	0.9	1.4	10.8	0.727	300
1 x 35	2	0.9	1.4	11.7	0.524	400
1 x 50	2	1	1.4	13.1	0.367	525
1 x 70	2	1.1	1.4	15	0.268	735
1 x 95	2	1.1	1.5	17	0.193	990
2 x 1.5	1	0.7	1.8	10.1	12.1	130
2 x 2.5	1	0.7	1.8	10.9	7.41	160
2 x 4	1	0.7	1.8	11.8	4.61	210
2 x 6	2	0.7	1.8	13.5	3.08	290
2 x 10	2	0.7	1.8	14.7	1.63	420
2 x 16	2	0.7	1.8	16.6	1.15	575
2 x 25	2	0.9	1.8	19.8	0.727	850
2 x 35	2	0.9	1.8	21.6	0.524	1100
3 x 1.5	1	0.7	1.8	10.6	12.1	150
3 x 2.5	1	0.7	1.8	11.4	7.41	190
3 x 4.0	1	0.7	1.8	12.3	4.61	250
3 x 6.0	2	0.7	1.8	14.2	3.08	350
3 x 10.0	2	0.7	1.8	15.7	1.63	500
3 x 16.0	2	0.7	1.8	17.3	1.15	730
3 x 25.0	2	0.9	1.8	21.0	0.727	1050
3 x 35.0	2	0.9	1.8	22.9	0.524	1400
4 x 1.5	1	0.7	1.8	11.3	12.1	180
4 x 2.5	1	0.7	1.8	12.2	7.41	220
4 x 4.0	1	0.7	1.8	13.3	4.61	300
4 x 6.0	2	0.7	1.8	15.0	3.08	420
4 x 10.0	2	0.7	1.8	17.25	1.63	630
4 x 16.0	2	0.7	1.8	18.8	1.15	900
4 x 25.0	2	0.9	1.8	23.0	0.727	1350
4 x 35.0	2	0.9	1.8	25.1	0.524	1750