

Indoor Cables

Single Core & Flat Twin Insulated & Sheathed Cables.

Application : For fixed installation in industrial, commercial and domestic premises, installation in walls, on boards, in conduits, trunking or embedded in plaster.

Engineering Specifications

Type	:	Copper Conductor / PVC Insulated / PVC Sheathed Cables
Standard	:	SLS 733
Rated Voltage	:	300/500V
Insulation	:	70°C rated general purpose PVC insulating Compound
Sheathing	:	70°C rated general purpose PVC Sheathing Compound
Packing	:	Supplied in coils of 50m & 100m coils or as per Customer requirements
Conductor	:	Annealed solid or stranded copper conductors.

Technical Guide

Nominal Cross Sectional Area	No. & Dia. Of Wires	Nearest Imperial Size	Nominal Insulation Thickness	Nominal Sheathing Thickness	Maximum Overall Diameter	Approx. Weight	Max D.C Resistance at 20°C
mm ²	x/mm	x/inches	mm	mm	mm	Kg/km	Ω/km
Single Core Cables							
1	1/1.13	1/0.044	0.60	0.80	4.50	25.30	18.1
1.5	7/0.53	3/0.036	0.70	0.80	4.90	33.57	12.1
2.5	7/0.67	7/0.029	0.80	0.80	5.80	49.73	7.41
4	7/0.85	7/0.036	0.80	0.90	6.80	70.60	4.61
6	7/1.04	7/0.044	0.80	0.90	7.40	93.74	3.08
10	7/1.35	7/0.052	1.00	0.90	8.80	146.55	1.83
16	7/1.70	7/0.064	1.00	1.00	10.50	215.41	1.15
Flat Twin Cables (Two Core)							
2 x 1.5	7/0.53	3/0.036	0.70	0.90	5.4 x 8.4	65.88	12.1
2 x 2.5	7/0.67	7/0.029	0.80	1.00	6.2 x 9.8	102.83	7.41
2 x 4	7/0.85	7/0.036	0.80	1.00	7.2 x 11.5	140.63	4.61
2 x 6	7/1.04	7/0.044	0.80	1.10	8.0 x 13.0	192.54	3.08
2 x 10	7/1.35	7/0.052	1.00	1.20	9.6 x 16.0	308.17	1.83
2 x 16	7/1.70	7/0.064	1.00	1.30	11.0 x 18.5	449.19	1.15