

## Indoor Cables

Single Core Insulated, Non Sheathed Cables & Twisted Twin Cables.

**Application :** **A.** For fixed installation in surface mounted or embedded conduits or similar closed systems.

**B.** Fixed protected installation inside appliances and in or on lighting fittings.

### Engineering Specifications

<b>Type</b>	:	Copper Conductor / PVC Insulated Cables
<b>Standard</b>	:	SLS 1504-2-31
<b>Rated Voltage</b>	:	450/750V & 300/500V
<b>Insulation</b>	:	70°C rated general purpose PVC insulating Compound
<b>Packing</b>	:	Supplied in coils of 50m & 100m coils or as per Customer requirements
<b>Conductor</b>	:	Annealed stranded copper conductors & Flexible conductors.

## Technical Guide

Nominal Cross Sectional Area	No. & Dia. Of Wires	Nearest Imperial Size	Nominal Insulation Thickness	Maximum Overall Diameter	Approx. Weight	Max D.C Resistance at 20°C
mm <sup>2</sup>	x/mm	x/inches	mm	mm	Kg/km	Ω/km
<b>(A) PVC Insulated Non Sheathed Single Cables (Earth Wire) [450/750V]</b>						
1.5	7/0.53	3/0.036	0.70	3.30	21	12.1
2.5	7/0.67	7/0.029	0.80	4.00	34	7.41
4	7/0.85	7/0.036	0.80	4.60	50	4.61
6	7/1.04	7/0.044	0.80	5.20	71	3.08
10	7/1.35	7/0.052	1.00	6.70	119	1.83
16	7/1.70	7/0.064	1.00	7.80	179	1.15
<b>(B) Twisted Twin Flexible Cables [300/500V]</b>						
2 x 0.50	16/0.20	14/0.0076	0.60	2.50 (Each)	19.00	39.0
2 x 0.75	24/0.20	23/0.0076	0.60	2.70 (Each)	24.00	26.0
2 x 1.00	32/0.20	40/0.0076	0.60	2.80 (Each)	28.00	19.5