



S.M.C

Single Core Cables Cu/XLPE/PVC/AWA/PVC

600/1000 V - SINGLE CORE

Copper Conductor XLPE Insulated Aluminum Wire Armored PVC Sheathed Cables
(Cu/XLPE/PVC/AWA/PVC)



Nominal Area of Conductor	Maximum Conductor Resistance 20°C	Thickness of Insulation	Thickness of Extruded Bedding	Dia of Armor Wire	Thickness of Outer Sheath	Approx. Overall Diameter	Approx. Cable Weight	Standard Packing Length	Drum /Size Coil	Approx. Gross Weight
Sqmm	Ohm/Km	mm	mm	mm	mm	mm	Kg/Km	Meter ± 5%		Kg
50*	0.387	1.0	0.8	1.6	1.5	18.8	765	500	D-10	445
70*	0.268	1.1	0.8	1.6	1.5	20.6	1000	500	D-10	560
95*	0.193	1.1	0.8	1.6	1.6	22.7	1300	500	D-11	750
120*	0.153	1.2	0.8	1.6	1.6	24.4	1560	500	D-12	890
150	0.124	1.4	1.0	1.6	1.7	26.8	1920	500	D-12	1070
185	0.099	1.6	1.0	1.6	1.8	29.0	2300	500	D-12	1260
240	0.0754	1.7	1.0	1.6	1.8	31.7	2890	500	D-14	1600
300	0.0601	1.8	1.0	1.6	1.9	34.1	3530	500	D-16	1980
400	0.0470	2.0	1.2	2.0	2.0	38.8	4590	500	D-18	2540
500	0.0366	2.2	1.2	2.0	2.1	42.4	5660	500	D-18	3070
630	0.0283	2.4	1.2	2.0	2.2	48.6	7100	250	D-16	1990
800	0.0221	2.6	1.4	2.5	2.4	54.0	9030	250	D-18	2500
1000	0.0176	2.8	1.4	2.5	2.5	60.8	11500	250	D-18	3120

Circular Stranded or circular stranded compacted conductors (Class 2).

* Cables up to and including 120 Sqmm conform to IEC 60502 - 1.

All Cables conform to BS 5467 and generally to IEC 60502 - 1.

* Wire Diameters are larger than those specified in BS 5467.

Color of Insulation is natural color