



S.M.C

Single Core Cables Cu/XLPE/PVC

600/1000 V -

Copper Conductor XLPE Insulated PVC Sheathed Cables (Cu/XLPE/PVC)



Nominal Area of Conductor	Maximum Conductor Resistance at 20°C	Thickness of Insulation	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	Kg/Km	Yard/Meter ±5%		KG
1.5*	12.1	0.7	1.4	6.5	57	100Y	COIL	5.2
1.5	12.1	0.7	1.4	6.7	60	100Y	COIL	5.6
2.5*	7.41	0.7	1.4	6.9	69	100Y	COIL	6.4
2.5	7.41	0.7	1.4	7.1	72	100Y	COIL	6.7
4	4.61	0.7	1.4	7.6	90	100Y	COIL	8.3
6	3.08	0.7	1.4	8.2	115	100Y	COIL	10.6
10	1.83	0.7	1.4	8.9	160	100Y	COIL	14.7
16	1.15	0.7	1.4	10.0	220	1000M	D-8	270
25	0.727	0.9	1.4	11.6	320	1000M	D-9	380
35	0.524	0.9	1.4	12.7	420	1000M	D-9	480
50	0.387	1.0	1.4	14.0	550	1000M	D-10	610
70	0.268	1.1	1.4	15.8	760	1000M	D-11	860
95	0.193	1.1	1.5	17.9	1030	500M	D-9	575
120	0.153	1.2	1.5	19.6	1270	500M	D-10	695
150	0.124	1.4	1.6	21.6	1580	500M	D-10	850
185	0.0991	1.6	1.6	23.6	1920	500M	D-11	1060
240	0.0754	1.7	1.7	26.5	2470	500M	D-12	1350
300	0.0601	1.8	1.8	28.9	3080	500M	D-12	1650
400	0.0470	2.0	1.9	32.4	3960	500M	D-16	2190
500	0.0366	2.2	2.0	36.0	4970	500M	D-18	2730
630	0.0283	2.4	2.2	42.4	6420	500M	D-18	3450
800	0.0221	2.6	2.3	47.0	8090	250M	D-16	2240
1000	0.0176	2.8	2.4	53.0	10280	250M	D-18	2810



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* Circular solid conductor (Class 1).

All other conductor's circular stranded or circular stranded compacted (Class 2).

Cables up to and including 35 Sqmm conform to IEC 60502 - 1.

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

Color of Insulation is natural Color.