



S.M.C

Single Core Cables Cu/PVC/PVC

Single Core
Cables
Cu/PVC/PVC
600/1000 V - SINGLE
CORE
COPPER CONDUCTOR
PVC INSULATED
PVC SHEATHED CABLES
(CU/PVC/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	0.8	1.4	6.4	58	100 Y	Coil	5.3
1.5	12.1	0.8	1.4	6.6	62	100 Y	Coil	5.7
2.5*	7.41	0.8	1.4	6.8	71	100 Y	Coil	6.5
2.5	7.41	0.8	1.4	7.0	75	100 Y	Coil	6.9
4	4.61	1.0	1.4	7.9	100	100 Y	Coil	9.1
6	3.08	1.0	1.4	8.5	125	100 Y	Coil	11.4
10	1.83	1.0	1.4	9.2	170	100 Y	Coil	15.5
16	1.15	1.0	1.4	10.3	235	100 Y	Coil	21.0
25	0.727	1.2	1.4	12.0	345	1000 M	D-10	405
35	0.524	1.2	1.4	13.1	445	1000 M	D-10	505
50	0.387	1.4	1.4	14.6	585	500 M	D-8	340
70	0.268	1.4	1.4	16.2	795	500 M	D-9	460
95	0.193	1.6	1.5	18.7	1090	500 M	D-10	610
120	0.153	1.6	1.5	20.2	1330	500 M	D-10	730
150	0.124	1.8	1.6	22.2	1650	500 M	D-11	930
185	0.0991	2.0	1.7	24.4	2020	500 M	D-12	1120
240	0.0754	2.2	1.8	27.5	2600	500 M	D-12	1410
300	0.0601	2.4	1.9	30.1	3230	500 M	D-14	1770
400	0.0470	2.6	2.0	33.6	4140	500 M	D-16	2280
500	0.0366	2.8	2.1	37.4	5200	500 M	D-18	1790
630	0.0283	2.8	2.2	43.2	6660	250 M	D-14	1820
800	0.0221	2.8	2.3	47.4	8340	250 M	D-16	2340
1000	0.0176	3.0	2.5	53.6	10600	250 M	D-18	2890

Circular solid conductor (Class 1)

All other conductors circular stranded compacted (Class 2).

All the Cables are insulated with PVC Type 5 Heat Resisting 85°C compound and sheathed with PVC Type 9 / ST2 compound OR PVC Type A/TI1 compound and sheathed with PVC Type ST1/TM1 compound. All other Cables conform to IEC 60502 - 1 & generally to BS 6346.

Color of insulation and sheath black.