



S.M.C

Four Core Cables Cu/PVC/PVC 600/1000 V - FOUR 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	Approx. Gross Weight
Sqmm	Ohm/Km	mm	mm	mm	Kg/Km	Meter ±5%		Kg
1.5*	12.1	0.7	1.8	11.9	200	1000	D-9	260
1.5	12.1	0.7	1.8	12.3	210	1000	D-9	270
2.5*	7.41	0.8	1.8	13.3	265	1000	D-10	325
2.5	7.41	0.8	1.8	13.8	280	1000	D-10	340
4	4.61	0.8	1.8	15.0	360	1000	D-10	420
6	3.08	0.8	1.8	16.5	465	1000	D-11	565
10	1.83	1.0	1.8	19.1	690	1000	D-12	800
16	1.15	1.0	1.8	21.8	970	500	D-10	545
25	0.727	1.2	1.8	23.3	1290	500	D-11	745
35	0.524	1.2	1.8	26.7	1700	500	D-12	960
50	0.387	1.4	1.9	30.3	2310	500	D-14	1310
70	0.268	1.4	2.0	33.4	3130	500	D-16	1780
95	0.193	1.6	2.2	38.8	4260	500	D-18	2370
120	0.153	1.6	2.3	41.7	5240	500	D-18	2860
150	0.124	1.8	2.5	46.3	6490	500	D-19	3570
185	0.0991	2.0	2.6	51.0	7980	250	D-18	2240
240	0.0754	2.2	2.8	56.6	10230	250	D-18	2800
300	0.0601	2.4	3.1	62.0	12810	250	D-18	3440
400	0.0470	2.6	3.3	69.8	16390	200	D-19	3600
500	0.0366	2.8	3.6	78.9	20500	200	D-19	4420



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* Circular solid conductor (Class 1).

Conductors including 16 Sqmm circular stranded (Class 2).

25 Sqmm and above shaped stranded conductors (Class 2).

All the Cables are insulated with either 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.

Cables up to and including 6 Sqmm generally to BS 6346 and IEC 60502 - 1. Cables 10 Sqmm up to and including 400 Sqmm conform generally to BS 6346. 500 Sqmm Cable conforms to IEC 60502 - 1.