



S.M.C

**Three Core Cables Cu/PVC/PVC 600/1000 V - THREE 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	0.8	1.8	11.5	180	1000	D-9	240
1.5	12.1	0.8	1.8	11.9	190	1000	D-9	250
2.5*	7.41	0.8	1.8	12.4	225	1000	D-9	285
2.5	7.41	0.8	1.8	12.8	235	1000	D-9	295
4	4.61	1.0	1.8	14.8	330	1000	D-10	390
6	3.08	1.0	1.8	16.0	410	1000	D-11	510
10	1.83	1.0	1.8	18.2	560	1000	D-12	670
16	1.15	1.0	1.8	20.4	775	1000	D-12	885
25	0.727	1.2	1.8	21.2	1050	500	D-10	585
35	0.524	1.2	1.8	23.5	1360	500	D-11	780
50	0.387	1.4	1.8	27.1	1760	500	D-12	990
70	0.268	1.4	2.0	29.7	2390	500	D-12	1310
95	0.193	1.6	2.1	34.5	3240	500	D-16	1830
120	0.153	1.6	2.2	37.7	3990	500	D-18	2240
150	0.124	1.8	2.3	40.4	4900	500	D-18	2690
185	0.0991	2.0	2.5	45.1	6040	250	D-16	1720
240	0.0754	2.2	2.7	51.6	7820	250	D-18	2195
300	0.0601	2.4	2.9	56.3	9700	250	D-18	2665
400	0.0470	2.6	3.1	63.7	12410	250	D-18	3340
500	0.0366	2.8	3.4	69.1	15480	250	D-18	4110



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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.



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type 9/ST2 compound or PVC type A/T11 compound and sheathed with PVC Type ST1/TM1 compound
Cables conforms to IEC 60502-1