



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	0.8	1.8	12.3	210	1000	D-9	270
1.5	12.1	0.8	1.8	12.8	225	1000	D-9	285
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	1.0	1.8	16.0	390	1000	D-11	490
6	3.08	1.0	1.8	17.4	495	1000	D-12	605
10	1.83	1.0	1.8	19.8	705	1000	D-12	815
16	1.15	1.0	1.8	22.3	980	500	D-10	555
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	2.1	33.6	3150	500	D-16	1790
95	0.193	1.6	2.2	38.8	4260	500	D-18	2370
120	0.153	1.6	2.4	41.9	5270	500	D-18	2875
150	0.124	1.8	2.5	46.3	6490	500	D-19	3570
185	0.0991	2.0	2.7	51.2	8000	250	D-18	2240
240	0.0754	2.2	2.9	56.8	10250	250	D-18	2800
300	0.0601	2.4	3.1	62.6	12810	250	D-18	3440
400	0.0470	2.6	3.4	70.0	16420	200	D-19	3610
500	0.0366	2.8	3.6	78.9	20500	200	D-19	4420



S.M.C

* 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.

Cable conforms to IEC 60502 - 1.