



S.M.C

Four Core Cables Cu/XLPE/PVC 600/1000 V -
 four core 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	Approx. Gross Weight
Sqmm	Ohm/Km	mm	mm	mm	Kg/Km	Meter ±5%		Kg
1.5*	12.1	0.7	1.8	12.1	195	1000	D-9	255
1.5	12.1	0.7	1.8	12.6	205	1000	D-9	265
2.5*	7.41	0.7	1.8	13.1	245	1000	D-10	305
2.5	7.41	0.7	1.8	13.6	260	1000	D-10	320
4	4.61	0.7	1.8	14.8	335	1000	D-10	395
6	3.08	0.7	1.8	16.2	435	1000	D-11	535
10	1.83	0.7	1.8	17.9	615	1000	D-12	725
16	1.15	0.7	1.8	20.6	880	1000	D-12	990
25	0.727	0.9	1.8	22.0	1220	500	D-10	670
35	0.524	0.9	1.8	25.4	1620	500	D-12	920
50	0.387	1.0	1.8	28.3	2100	500	D-12	1160
70	0.268	1.1	2.0	32.1	2930	500	D-16	1680
95	0.193	1.1	2.1	36.3	3950	500	D-18	2220
120	0.153	1.2	2.2	39.7	4920	500	D-18	2700
150	0.124	1.4	2.4	44.8	6150	500	D-18	3320
185	0.0991	1.6	2.6	49.7	7600	250	D-16	2110
240	0.0754	1.7	2.8	54.8	9730	250	D-18	2670
300	0.0601	1.8	3.0	60.6	12190	250	D-18	3290
400	0.0470	2.0	3.2	67.8	15650	200	D-18	3370
500	0.0366	2.2	3.5	76.9	19600	200	D-19	4240



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* Circular solid conductors (Class1).

Conductors including 16 Sqmm circular stranded (Class 2).

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

Cables up to and including 16 Sqmm conform to IEC 60502 - 1.



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From 16 Sqmm upto and including 400 Sqmm conform generally to BS 5467 .
500 Sqmm Cable conform to IEC 60502 - 1.