



S.M.C

Three Core Cables Cu/XLPE/PVC

600/1000 V –

Three 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	11.3	170	1000	D-9	230
1.5	12.1	0.7	1.8	11.7	175	1000	D-9	235
2.5*	7.41	0.7	1.8	12.2	210	1000	D-9	270
2.5	7.41	0.7	1.8	12.6	220	1000	D-9	280
4	4.61	0.7	1.8	13.7	280	1000	D-10	340
6	3.08	0.7	1.8	15.0	360	1000	D-10	420
10	1.83	0.7	1.8	16.5	500	1000	D-11	600
16	1.15	0.7	1.8	18.9	705	1000	D-12	815
25	0.727	0.9	1.8	19.9	955	500	D-10	540
35	0.524	0.9	1.8	22.3	1250	500	D-11	725
50	0.387	1.0	1.8	25.5	1610	500	D-12	915
70	0.268	1.1	1.9	28.2	2230	500	D-12	1230
95	0.193	1.1	2.0	32.2	3000	500	D-16	1710
120	0.153	1.2	2.1	35.8	3750	500	D-18	2120
150	0.124	1.4	2.2	39.0	4640	500	D-18	2560
185	0.0991	1.6	2.4	43.6	5730	250	D-14	1580
240	0.0754	1.7	2.6	49.6	7360	250	D-16	2050
300	0.0601	1.8	2.7	54.2	9190	250	D-18	2540
400	0.0470	2.0	3.0	61.8	11850	250	D-18	3200



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). Cables

up to 10 Sqmm conform to IEC 60502-1.



S.M.C

All other cables conform generally to BS 5467 and IEC 60502-1.