



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	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	Metre ±10%		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	17.1	500	1000	D-11	600
16	1.15	0.7	1.8	19.3	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	2.3	39.2	4660	500	D-18	2570
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	2.8	54.4	9210	250	D-18	2550
400	0.0470	2.0	3.1	62.0	11890	250	D-18	3210
500	0.0366	2.2	3.3	67.2	14800	250	D-19	4020

* Circular solid conductors (Class1).

Conductors including 16 Sqmm circular stranded (Class2).

25 Sqmm and above shaped stranded conductors (Class2).

All cables conform to IEC 60502-1



S.M.C