



# 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	18.6	615	1000	D-12	725
16	1.15	0.7	1.8	21.1	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	2.3	39.9	4940	500	D-18	2710
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	3.3	68.0	15690	200	D-18	3380
500	0.0366	2.2	3.5	76.9	19600	200	D-19	4240

\* Circular solid conductors (Class 1).

Conductors including 16 Sqmm circular stranded (Class 2).

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

Cables conform to IEC 60502 - 1.