



S.M.C

Two Core Cables Cu/XLPE/PVC 600/1000 V –
 TWO 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	m	mm	mm	Kg/Km	Meter ± 5%		Kg
1.5*	12.1	0.7	1.8	10.8	150	1000	D-8	200
1.5	12.1	0.7	1.8	11.2	170	1000	D-9	230
2.5*	7.41	0.7	1.8	11.6	180	1000	D-9	240
2.5	7.41	0.7	1.8	12.0	190	1000	D-9	250
4	4.61	0.7	1.8	13.0	240	1000	D-9	300
6	3.08	0.7	1.8	14.2	300	1000	D-10	360
10	1.83	0.7	1.8	15.6	405	1000	D-11	505
16	1.15	0.7	1.8	17.8	565	1000	D-12	675
25	0.727	0.9	1.8	21.0	825	500	D-11	515
35	0.524	0.9	1.8	23.2	1070	500	D-12	645
50	0.387	1.0	1.8	26.3	1240	500	D-12	730
70	0.268	1.1	1.8	29.3	1700	500	D-12	960
95	0.193	1.1	1.9	33.9	2280	500	D-16	1350
120	0.153	1.2	2.0	37.5	2830	500	D-18	1660
150	0.124	1.4	2.2	41.5	3510	500	D-18	2000
185	0.0991	1.6	2.3	45.7	4280	500	D-19	2460
240	0.0754	1.7	2.5	51.5	5520	250	D-18	1620
300	0.0601	1.8	2.6	56.1	6810	250	D-18	1940
400	0.0470	2.0	2.9	63.3	8770	250	D-18	2430

* Circular solid conductor (Class 1).

All other conductor's circular stranded or circular stranded compacted (Class 2). Cables conform generally to BS 5467 and IEC 60502 - 1.