



S.M.C

Two Core Cables Cu/XLPE/PVC/SWA/PVC 600/1000 V –

Two core copper Conductor XLPE Insulated Steel Wire Armored PVC Sheathed Cables (Cu/XLPE/PVC/SWA/PVC)



Nominal Area of Conductor	Maximum Conductor Resistance at 20°C	Thickness of Insulation	Thickness of Extruded Bedding	Diameter of Armor Wire	Thickness of Outer Sheath	Approx. Overall Diameter	Approx. Cable Weight	Standard Packing Length	Drum Size	Approx. Gross Weight
Sqmm	Ohm/Km	mm	mm	mm	mm	mm	Kg/Km	Meter ±5%		Kg
1.5*	12.1	0.7	0.8	0.9	1.3	12.8	305	1000	D-10	365
1.5	12.1	0.7	0.8	0.9	1.3	13.2	325	1000	D-10	385
2.5*	7.41	0.7	0.8	0.9	1.4	13.8	360	1000	D-10	420
2.5	7.41	0.7	0.8	0.9	1.4	14.2	375	1000	D-10	435
4	4.61	0.7	0.8	0.9	1.4	15.2	440	1000	D-11	540
6	3.08	0.7	0.8	0.9	1.4	16.4	520	1000	D-11	620
10	1.83	0.7	0.8	0.9	1.5	18.0	670	1000	D-12	780
16	1.15	0.7	0.8	1.25	1.5	20.9	965	1000	D-12	1080
25	0.727	0.9	0.8	1.25	1.6	24.3	1310	1000	D-14	1460
35	0.524	0.9	1.0	1.6	1.7	27.8	1810	1000	D-18	2050
50	0.387	1.0	1.0	1.6	1.8	30.9	2070	500	D-14	1190
70	0.268	1.1	1.0	1.6	1.9	34.7	2650	500	D-16	1540
95	0.193	1.1	1.2	2.0	2.0	39.9	3640	500	D-18	2060
120	0.153	1.2	1.2	2.0	2.1	43.5	4330	500	D-18	2410
150	0.124	1.4	1.2	2.0	2.2	47.3	5140	500	D-19	2890
185	0.0991	1.6	1.4	2.5	2.4	53.1	6570	250	D-18	1890
240	0.0754	1.7	1.4	2.5	2.5	58.7	8050	250	D-18	2260
300	0.0601	1.8	1.6	2.5	2.6	63.7	9610	250	D-18	2650
400	0.0470	2.0	1.6	2.5	2.8	70.7	11900	250	D-21	3400



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* Circular solid conductors (Class 1).

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