



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 Armour 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	1.0	0.9	1.8	14.2	355	1000	D-10	415
1.5	12.1	0.7	1.0	0.9	1.8	14.6	370	1000	D-10	430
2.5*	7.41	0.7	1.0	0.9	1.8	15.0	400	1000	D-10	460
2.5	7.41	0.7	1.0	0.9	1.8	15.4	415	1000	D-10	475
4	4.61	0.7	1.0	0.9	1.8	16.4	480	1000	D-11	580
6	3.08	0.7	1.0	0.9	1.8	17.6	570	1000	D-11	670
10	1.83	0.7	1.0	1.25	1.8	20.3	820	1000	D-12	930
16	1.15	0.7	1.0	1.25	1.8	22.3	1030	1000	D-14	1180
25	0.727	0.9	1.0	1.6	1.8	26.3	1530	1000	D-16	1740
35	0.524	0.9	1.0	1.6	1.8	28.5	1840	1000	D-18	2080
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	2.0	34.9	2670	500	D-16	1545
95	0.193	1.1	1.2	2.0	2.1	40.1	3660	500	D-18	2070
120	0.153	1.2	1.2	2.0	2.2	43.7	4350	500	D-18	2420
150	0.124	1.4	1.2	2.0	2.3	47.5	5160	500	D-19	2900
185	0.0991	1.6	1.4	2.5	2.5	53.3	6600	250	D-18	1895
240	0.0754	1.7	1.4	2.5	2.7	59.1	8100	250	D-18	2270
300	0.0601	1.8	1.6	2.5	2.8	64.1	9660	250	D-18	2660
400	0.0470	2.0	1.6	2.5	3.1	71.3	12000	250	D-21	3425
500	0.0366	2.2	1.6	3.15	3.3	79.8	15500	250	D-23	4375



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* Circular Solid conductors (Class 1)

All other conductor's circular stranded or circular stranded compacted (Class 2). Cables Conform to IEC 60502 - 1.