



S.M.C

THREE CORES CABLES CU/XLPE/PVC/LC/PVC/SWA/PVC

600 / 1000 V-

Three cores copper conductor XLPE insulated lead sheathed steel wire armored PVC sheathed cables

CU/XLPE/PVC/LC/PVC/SWA/PVC

Nominal Area of Conductor	Maximum Conductor Resistance at 20°C	Thickness of Insulation (Nom.)	Thickness of Extruded Bedding (Approx.)	Thickness of Lead Sheath (Nom.)	Thickness of Separation Sheath (Nom.)	Dia of Armor wire(No m.)	Thickness of Outer Sheath (Nom.)	Approx. Overall Diameter	Approx. Cable Weight	Standard Packing Length	Drum Size	Approx. Gross weight
Sqm	Ohm/Km	mm	mm	mm	mm	mm	mm	mm	Kg/Km	Meter ±5%		kg
1.5	12.1	0.7	1.0	1.2	1.0	1.25	1.8	20.8	1210	1000	D-12	1320
2.5	7.41	0.7	1.0	1.2	1.0	1.25	1.8	21.7	1320	1000	D-14	1470
4	4.61	0.7	1.0	1.2	1.0	1.25	1.8	22.8	1470	1000	D-14	1620
6	3.08	0.7	1.0	1.2	1.0	1.25	1.8	24.1	1650	1000	D-14	1800
10	1.83	0.7	1.0	1.2	1.0	1.60	1.8	26.3	2045	1000	D-16	2255
16	1.15	0.7	1.0	1.2	1.0	1.60	1.8	28.7	2445	1000	D-18	2685
25	0.727	0.9	1.0	1.2	1.0	1.60	1.9	29.7	2710	500	D-12	1465
35	0.524	0.9	1.0	1.2	1.0	1.60	1.9	32.1	3190	500	D-16	1805
50	0.387	1.0	1.0	1.3	1.1	2.00	2.1	36.9	4325	500	D-18	2360
70	0.268	1.1	1.2	1.4	1.2	2.00	2.2	40.4	5265	500	D-18	2875
95	0.193	1.1	1.2	1.5	1.2	2.00	2.4	44.8	6565	500	D-19	3605
120	0.153	1.2	1.2	1.6	1.3	2.50	2.5	49.8	8220	500	D-19	4430
150	0.124	1.4	1.4	1.7	1.4	2.50	2.7	54.0	9705	250	D-18	2670
185	0.0991	1.6	1.4	1.8	1.5	2.50	2.8	58.8	11270	250	D-18	3060
240	0.0754	1.7	1.6	2.0	1.6	2.50	3.0	65.9	14365	250	D-18	3835
300	0.0601	1.8	1.6	2.1	1.7	2.50	3.2	71.0	16970	250	D-21	4665
400	0.0470	2.0	1.6	2.4	1.9	3.15	3.6	81.1	22195	250	D-21	5970
500	0.0366	2.2	1.8	2.6	2.0	3.15	3.8	87.3	26470	200	D-23	5795



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Conductors including 16 Sqmm Circular Stranded (Class 2). 25 Sqmm and above shaped stranded conductors (Class 2). Extruded PVC Bedding above and below Lead Sheath.

Lead Alloy Type - 'E' to BS 801

Lead Sheath Thickness to IEC 60502-1/1997. PVC Type - 9/ST-2 Outer sheath.

Cables conform to IEC 60502-1/1997.



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