



S.M.C

FOUR CORES CABLES CU/XLPE/PVC/LC/PVC/SWA/PVC 600 / 1000 V-

Four 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 S Bedding (Appr ox.)	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	21.7	1305	1000	D-14	1455
2.5	7.41	0.7	1.0	1.2	1.0	1.25	1.8	22.7	1430	1000	D-14	1580
4	4.61	0.7	1.0	1.2	1.0	1.25	1.8	23.9	1605	1000	D-14	1755
6	3.08	0.7	1.0	1.2	1.0	1.60	1.8	26.0	1945	1000	D-16	2155
10	1.83	0.7	1.0	1.2	1.0	1.60	1.8	27.7	2270	1000	D-18	2510
16	1.15	0.7	1.0	1.2	1.0	1.60	1.8	30.4	2760	1000	D-18	3000
25	0.727	0.9	1.0	1.2	1.0	1.60	1.9	31.8	3145	500	D-14	1725
35	0.524	0.9	1.0	1.2	1.1	2.00	2.1	36.6	4080	500	D-18	2280
50	0.387	1.0	1.0	1.4	1.2	2.00	2.2	40.3	2660	500	D-18	2795
70	0.268	1.1	1.2	1.5	1.2	2.00	2.3	44.4	6450	500	D-19	3545
95	0.193	1.1	1.2	1.6	1.3	2.50	2.5	50.3	8460	500	D-19	4550
120	0.153	1.2	1.4	1.7	1.4	2.50	2.7	54.7	10100	500	D-23	5550
150	0.124	1.4	1.4	1.8	1.5	2.50	2.9	59.5	11960	250	D-18	3230
185	0.0991	1.6	1.4	2.0	1.6	2.50	3.0	65.5	14440	250	D-19	3930
240	0.0754	1.7	1.6	2.2	1.7	2.50	3.3	71.8	17800	250	D-23	4950
300	0.0601	1.8	1.6	2.3	1.8	3.15	3.5	79.3	22000	250	D-23	6000
400	0.0470	2.0	1.8	2.6	2.0	3.15	3.8	88.1	27435	200	D-23	5990
500	0.0366	2.2	1.8	2.8	2.2	3.15	4.1	98.0	33475	200	D-23	7195



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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 IEC60502-1/1997.