



S.M.C

THREE CORES CABLES CU/XLPE/PVC/LC/PVC/SWA/PVC 1.9/3.3 KV –

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
25	0727	2.0	1.0	1.2	1.1	2.00	2.1	35.8	3515	500	D-18	2000
35	0.524	2.0	1.0	1.3	1.1	2.00	2.1	38.3	4135	500	D-18	2310
50	0.387	2.0	1.2	1.4	1.2	2.00	2.3	42.3	5030	500	D-18	2755
70	0.268	2.0	1.2	1.5	1.3	2.50	2.4	46.0	6345	500	D-19	3495
95	0.193	2.0	1.2	1.6	1.3	2.50	2.5	50.2	7715	500	D-19	4180
120	0.153	2.0	1.4	1.7	1.4	2.50	2.7	54.4	9105	500	D-21	4975
150	0.124	2.0	1.4	1.8	1.5	2.50	2.8	57.1	10385	250	D-18	2840
185	0.0991	2.0	1.4	1.9	1.5	2.50	2.9	60.9	12010	250	D-18	3245
240	0.0754	2.0	1.6	2.0	1.6	2.50	3.1	67.4	14630	250	D-18	3900
300	0.0601	2.0	1.6	2.2	1.7	2.50	3.3	72.2	17375	250	D-21	4765
400	0.0470	2.0	1.6	2.4	1.9	3.15	3.6	81.1	22195	200	D-21	4860
500	0.0366	2.2	1.8	2.6	2.0	3.15	3.8	87.3	26470	200	D-23	5795

All Conductors 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.