



S.M.C

Four Core Cables with reduced Neutral Cu/XLPE/PVC 600/1000 V - FOUR CORE WITH REDUCED NEUTRAL

Copper Conductor XLPE Insulated
PVC Sheathed Cables (CU/XLPE/PVC)



Nominal Area of Conductor		Maximum Conductor Resistance at 20°C		Thickness of Insulation		Thickness of Outer Sheath	Approx. Overall Diameter	Approx. Cable Weight	Standard Packing Length	Drum Size	Approx. Gross Weight
Phase	Neutral	Phase	Neutral	Phase	Neutral						
Sqmm		Ohm/Km		mm		mm	mm	Kg/Km	Meter ± 5%		KG
25	16	0.727	1.15	0.9	0.7	1.8	22.0	1090	500	D-10	605
35	16	0.524	1.15	0.9	0.7	1.8	25.4	1410	500	D-12	815
50	25	0.387	0.727	1.0	0.9	1.8	28.3	1890	500	D-12	1060
70	35	0.268	0.524	1.1	0.9	1.9	31.8	2610	500	D-14	1460
95	50	0.193	0.387	1.1	1.0	2.1	36.3	3540	500	D-18	2010
120	70	0.153	0.268	1.2	1.1	2.2	39.7	4480	500	D-18	2480
150	70	0.124	0.268	1.4	1.1	2.3	44.6	5440	500	D-18	2960
185	95	0.0991	0.193	1.6	1.1	2.5	49.5	780	250	D-16	1910
240	120	0.0754	0.153	1.7	1.2	2.7	54.6	8660	250	D-18	2405
300	150	0.0601	0.124	1.8	1.4	2.9	60.4	10850	250	D-18	2950
400	185	0.0470	0.0991	2.0	1.6	3.1	76.6	13900	200	D-18	3020
500	250	0.0366	0.0754	2.2	1.7	3.4	76.7	17400	200	D-22	3950

All phase conductors 25 Sqmm and above shaped stranded (Class 2).

All neutral conductors circular stranded (Class 2).

Cables conform to IEC 60502-1.