



# S.M.C

## Single Core Cables Cu/XLPE/PVC/AWA/PVC

600/1000 V - SINGLE CORE

Copper Conductor XLPE Insulated Aluminum Wire Armored  
PVC Sheathed Cables (Cu/XLPE/PVC/AWA/PVC)



Nominal Area of Conductor	Maximum Conductor Resistance at 20°C	Thickness of Insulation	Thickness of Extruded Bedding	Dia of Armor 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
50	0.387	1.0	1.0	1.25	1.8	19.1	775	500	D-10	445
70	0.268	1.1	1.0	1.25	1.8	20.9	1000	500	D-10	560
95	0.193	1.1	1.0	1.25	1.8	22.7	1300	500	D-11	750
120	0.153	1.2	1.0	1.6	1.8	25.2	1620	500	D-12	890
150	0.124	1.4	1.0	1.6	1.8	27.0	1940	500	D-12	1080
185	0.0991	1.6	1.0	1.6	1.8	29.0	2300	500	D-12	1260
240	0.0754	1.7	1.0	1.6	1.9	31.9	2910	500	D-14	1610
300	0.0601	1.8	1.0	1.6	1.9	34.1	3530	500	D-16	1980
400	0.0470	2.0	1.2	2.0	2.1	39.0	4610	500	D-18	2550
500	0.0366	2.2	1.2	2.0	2.2	42.6	5690	500	D-18	3085
630	0.0283	2.4	1.2	2.0	2.3	47.0	7150	250	D-16	2000
800	0.0221	2.6	1.4	2.5	2.5	55.5	9200	250	D-18	2540
1000	0.0176	2.8	1.4	2.5	2.7	61.2	11580	250	D-18	3140

Circular stranded or circular stranded compacted Conductors (Class2).

All cables conform to IEC 60502-1.

Colour of insulation is natural color.