



S.M.C

Single Core Cables Cu/PVC/PVC/AWA/ PVC

600/1000 V - SINGLE

CORE COPPER CONDUCTOR PVC INSULATED ALUMINUM WIRE ARMoured PVC SHEATHED CABLES (CU/PVC/PVC/AWA/PVC)



Nominal Area of Conductor	Maximum Conductor Resistance at 20°C	Thickness of Insulation	Thickness of Extruded Bedding`	Armor Wire Diameter	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	1.4	0.8	1.6	1.5	19.6	820	500	D-10	4
70*	0.268	1.4	0.8	1.6	1.6	21.4	1060	500	D-10	5
95*	0.193	1.6	0.8	1.6	1.6	23.7	1380	500	D-11	7
120	0.153	1.6	1.0	1.6	1.7	25.8	1680	500	D-12	9
150	0.124	1.8	1.0	1.6	1.7	27.6	2020	500	D-12	1120
185	0.0991	2.0	1.0	1.6	1.8	29.8	2420	500	D-12	1320
240	0.0754	2.2	1.0	1.6	1.9	32.9	3050	500	D-16	1740
300	0.0601	2.4	1.0	1.6	1.9	35.3	3700	500	D-16	2060
400	0.0470	2.6	1.2	2.0	2.1	40.2	4810	500	D-18	2650
500	0.0366	2.8	1.2	2.0	2.1	43.6	5900	500	D-18	3190
630	0.0283	2.8	1.2	2.0	2.2	49.4	7460	250	D-16	2080
800	0.0221	2.8	1.4	2.5	2.4	55.2	9450	250	D-18	2600
1000	0.0176	3.0	1.4	2.5	2.5	61.2	11820	250	D-18	3200

All the Cables are insulated with PVC Type 5 Heat Resisting 85°C compound and sheathed with PVC Type 9/ST2 compound OR PVC type A/TI1 compound and sheathed with PVC Type ST1/TM1 compound
Color of insulation and sheath black.

* Cables generally to BS 6346.

* Wire diameter are larger than those specified in BS 6346

All other Cables conform to BS 6346.