



S.M.C

Two Core Cables AL/PVC/PVC/SWA/ PVC

600/1000 V - TWO

CORE ALUMINIUM CONDUCTOR PVC INSULATED STEEL

WIRE ARMoured PVC SHEATHED CABLE

(AL/PVC/PVC/SWA/PV C)



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	Metre± 5%		Kg
16	1.91	1.0	1.0	1.25	1.8	22.9	915	1000	D-14	1070
25	1.20	1.2	1.0	1.6	1.8	27.0	1330	500	D-12	775
35	0.868	1.2	1.0	1.6	1.8	29.2	1540	500	D-12	880
50	0.641	1.4	1.0	1.6	1.9	32.9	1680	500	D-16	1050
70	0.443	1.4	1.2	2.0	2.0	37.7	2300	500	D-18	1390
95	0.320	1.6	1.2	2.0	2.2	42.5	2790	500	D-18	1640
120	0.253	1.6	1.2	2.0	2.3	45.5	3150	500	D-19	1900
150	0.206	1.8	1.4	2.5	2.4	50.7	4060	500	D-19	2350
185	0.164	2.0	1.4	2.5	2.6	55.2	4710	250	D-18	1420
240	0.125	2.2	1.6	2.5	2.8	61.9	5700	250	D-18	1670
300	0.100	2.4	1.6	2.5	2.9	66.8	6530	250	D-19	1870
400	0.0778	2.6	1.6	2.5	3.2	74.3	7830	250	D-21	2380
500	0.0605	2.8	1.8	3.15	3.4	83.0	10170	200	D-22	2500

All conductors circular stranded or circular stranded compacted (Class 2).

All the Cables are insulated with either 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.

Cables conform to IEC 60502 - 1 and generally to BS 6346.