



S.M.C

Two Core Cables Cu/PVC/PVC/SWA/ PVC

600/1000 V - TWO

CORE COPPER CONDUCTOR

PVC INSULATED STEEL WIRE ARMoured PVC SHEATHED CABLES

(CU/PVC/PVC/SWA/PVC)



Nominal Area of Conductor	Maximum Conductor Resistance at 20°C	Thickness of Insulation	Thickness of Extruded Bedding	Diameter 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
1.5*	12.1	0.7	0.8	0.9	1.3	12.6	305	1000	D-9	365
1.5	12.1	0.7	0.8	0.9	1.4	13.2	310	1000	D-9	370
2.5*	7.41	0.8	0.8	0.9	1.4	14.0	370	1000	D-10	430
2.5	7.41	0.8	0.8	0.9	1.4	14.4	390	1000	D-10	450
4	4.61	0.8	0.8	0.9	1.4	15.4	460	1000	D-11	560
6	3.08	0.8	0.8	0.9	1.5	16.8	550	1000	D-11	650
10	1.83	1.0	0.8	1.25	1.6	19.9	835	1000	D-12	945
16	1.15	1.0	0.8	1.25	1.6	22.1	1050	1000	D-14	1200
25**	0.727	1.2	1.0	1.6	1.7	26.8	1610	500	D-12	915
35**	0.524	1.2	1.0	1.6	1.8	29.2	1950	500	D-12	1090
50**	0.387	1.4	1.0	1.6	1.9	32.7	2230	500	D-16	1330
70**	0.268	1.4	1.0	1.6	1.9	35.9	2790	500	D-18	1640
95**	0.193	1.6	1.2	2.0	2.1	42.1	3710	500	D-18	2200
120**	0.153	1.6	1.2	2.0	2.2	45.3	4580	500	D-18	2610
150**	0.124	1.8	1.2	2.0	2.3	49.1	5410	500	D-19	3300
185**	0.0991	2.0	1.4	2.5	2.4	54.4	6890	250	D-18	1960
240**	0.0754	2.2	1.4	2.5	2.5	60.7	8430	250	D-18	2350
300**	0.0601	2.4	1.6	2.5	2.7	66.3	10140	250	D-18	2780
400**	0.0470	2.6	1.6	3.15	2.9	73.3	12500	250	D-19	3450



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*Circular solid conductor (Class 1).

All other conductor's 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 BS 6346.

** Cables with sector shaped conductor having lesser overall dimension, weight and cost are available on request.