S.M.C

Two Core Cables Cu/PVC/PVC 600/1000 V - TWO CORE

COPPER CONDUCTOR PVC INSULATED

PVC SHEATHED CABLES (CU/PVC/PVC)

Nominal Area of Conductor	Maximum Conductor Resistance at 20°C	Thickness of Insulation	Thickness of Outer Sheath	Approx. Overall Diameter	Approx. Cable Weight		Drum Size	Approx. Gross weight
Sq. mm	Ohm/Km	mm	mm	mm	Kg/Km	Meter ± 5 %		Kg
1.5*	12.1	0.7	1.8	10.6	150	1000	D-	200
1.5	12.1	0.7	1.8	11.0	160	1000	D-	210
2.5*	7.41	0.8	1.8	11.8	190	1000	D-	240
2.5	7.41	0.8	1.8	12.2	200	1000	D-	260
4	4.61	0.8	1.8	13.2	255	1000	D-10	315
6	3.08	0.8	1.8	14.4	320	1000	D-10	380
10	1.83	1.0	1.8	16.6	460	1000	D-11	560
16	1.15	1.0	1.8	18.8	620	1000	D-12	730
25**	0.727	1.2	1.8	22.2	910	500	D-11	555
35**	0.524	1.2	1.8	24.4	1160	500	D-12	690
50**	0.387	1.4	1.8	27.9	1340	500	D-12	730
70**	0.268	1.4	1.9	31.3	1810	500	D-14	1060
95**	0.193	1.6	2.0	36.1	2450	500	D-18	1470
120**	0.153	1.6	2.1	39.3	2990	500	D-18	1740
150**	0.124	1.8	2.2	43.1	3680	500	D-18	2080
185**	0.0991	2.0	2.4	47.5	4500	500	D-19	2570
240**	0.0754	2.2	2.5	53.5	5770	250	D-18	1650
300**	0.0601	2.4	2.7	58.7	7150	250	D-18	2030
400**	0.0470	2.6	2.9	65.7	9140	250	D-18	2530

*Circular solid conductor (Class 1).

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 up to and including 6 Sqmm generally to BS 6346 and IEC 60502 - 1.
All other Cables conform generally to BS 6346.

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