



# S.M.C

## Single Core Flexible Cords

Cu/PVC 600/1000 – Single Core Flexible Cables Copper for switchgear insulated

Control gear wiring type CK asp per BS 6231 - 1990(CU / PVC)

Nominal Area of Conductor	Maximum Conductor Resistance at 20°C	Thickness of Insulation	Mean Overall Diameter (Ma x.)	Approx. Cable Weight	Standard Packing Length	Drum Size/Coil	Approx. Gross weight
Sqmm	Ohm/Km	mm	mm	Kg/Km	Yard/meter		KG
0.5	39	0.8	3.0	12	100Y	COIL	1.1
0.75	26	0.8	3.2	15	100Y	COIL	1.4
1.0	19.5	0.8	3.4	18	100Y	COIL	1.6
1.5	13.3	0.8	3.7	23	100Y	COIL	2.2
2.5	7.98	0.8	4.2	33	100Y	COIL	3.0
4.0	4.95	0.8	4.8	48	100Y	COIL	4.4
6	3.3	0.8	6.3	70	100Y	COIL	6.4
10	1.91	1.0	7.8	115	100Y	COIL	11.0
16	1.21	1.0	9.0	170	100Y	COIL	16.0
25	0.78	1.2	11.5	270	100Y	COIL	25
35	0.554	1.2	13.0	365	Meter ±5% 1000M	D-9	420
50	0.386	1.4	15.0	505	1000M	D-10	570
70	0.272	1.4	17.5	700	1000M	D-12	810
95	0.206	1.6	19.5	960	1000M	D-12	1070
120	0.161	1.6	21.5	1200	1000M	D-14	1350
150	0.129	1.8	24.0	1510	1000M	D-14	1660
185	0.106	2.0	26.5	1830	1000M	D-16	2040
240	0.0801	2.2	30.0	2390	1000M	D-18	2630
300*	0.0641	2.4	32.0	2990	500M	D-14	1650
400*	0.0486	2.6	37.0	3940	500M	D-18	2210
500*	0.0384	2.8	41.0	5020	500M	D-18	2750
630*	0.0287	2.8	44.0	6070	250M	D-14	1670



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All conductors are flexible (Class 5)

Above cables are insulated with PVC Type 5 heat resisting 85°C Compound

\* Cables generally to BS 6231-1900.

All other Cables Conform to BS 6231-1900