



S.M.C

Twin Flat Cables with and without
Circuit Protective Conductor

Cu/PVC/PVC 300 / 500 V –

TWIN FLAT CABLE Copper Conductor PVC Insulated PVC Sheathed Cables with Circuit Protective Conductor (CU / PVC / PVC)



Nominal Area		Maximum Conductor Resistance at 20°C		Thickness of Insulation	Thickness of Outer Sheath	Overall Dimensions of cable (max.)	Approx . Cable Weight	Standard Packing Length in Coil / Drum
Conductor	Circuit Protective Conductor	Conductor	Circuit Protective Conductor					
Sqmm		Ohm/km		mm	mm	mm	Kg/Km	Yard/Meter
1.0 *	1.0	18.1	18.1	0.6	0.9	4.7x8.6	7	100 COILS
1.5*	1.0	12.1	18.1	0.7	0.9	5.4x9.6	93	100 COIS
1.5	1.0	12.1	18.1	0.7	0.9	5.6x10.0	97	100 COILS
2.5*	1.5	7.41	12.1	0.8	1.0	6.2x11.5	130	100 COILS
2.5	1.5	7.41	12.1	0.8	1.0	6.6x12.0	135	100 COILS
4	1.5	4.61	12.1	0.8	1.0	7.2x13.0	175	100 COILS
6	2.5	3.08	7.41	0.8	1.1	8.0x15.0	235	100 COILS
10	4	1.83	4.61	1.0	1.2	9.6x19.0	370	1000M Drum± 10%
16	6	1.15	3.08	1.0	1.3	11.0x22.5	525	1000M Drum± 10%

*Circular solid Conductors (Class 1).

All other Conductors circular stranded (Class 2).

Circuit protective conductors-solid except for 10 sqmm & 16 sqmm cables.

Color of Insulation Red and Black.

Color of sheath Grey or White.

Above Cable are insulated with PVC Type 5 Heat Resisting 85°C and sheathed with PVC Type 9 compound Or insulated with PVC Type T11 & Sheathed with PVC Type TM1 compound.

Cables conform to BS 6004.