

PVC INSULATED, PVC SHEATHED FLAT TWIN CABLES

CONSTRUCTION

CONDUCTOR	: Plain annealed copper conductor, class 2
INSULATION	: PVC compound, 70°C
COLOUR OF INSULATION	: Red and Black or (Brown and Blue) shall be laid parallel.
SHEATH	: PVC compound, colour Black, Grey or Other Colours



Cu / PVC / PVC - 2 Cores Flat Twin

Nominal cross-sectional area sq.mm	Construction, number / wire diameter No./mm	Thickness of insulation	Thickness of sheath	Approx. overall diameter mm	Approx. net weight kg/km
		mm	mm		
MS 136 / BS 6004 300 / 500 V					
1.0	1/1.13 *	0.6	0.9	4.4 x 6.8	54
1.5	1/1.38 *	0.7	0.9	4.9 x 7.7	64
1.5	7/0.53	0.7	0.9	5.0 x 7.9	68
2.5	7/0.67	0.8	1.0	5.8 x 9.6	102
4	7/0.85	0.8	1.0	6.4 x 10.6	160
6	7/1.04	0.8	1.1	7.0 x 11.8	224
10	7/1.35	1.0	1.2	8.7 x 14.5	360
16	7/1.70	1.0	1.3	10.0 x 17.0	532

* Class 1 Conductor

PVC INSULATED PVC SHEATHED FLEXIBLE DC CABLE (With Class 6 Conductor to TMB Spec)

CONSTRUCTION

CONDUCTOR	: Flexible plain annealed copper wires, Class 6
INSULATION	: PVC compound Type T1 I
COLOUR OF CORES	: Red (for DC Negative) or Blue (for DC positive)
SHEATH	: PVC compound Type TM I
COLOUR OF SHEATH	: Red for Red Core or Blue for Blue Core



Cu / PVC / PVC - 1 Core

Nominal cross-sectional area sq.mm	Construction, number/wire diameter No./mm	Thickness of insulation	Thickness of sheath	Approx. Overall diameter mm	Approx. Net weight kg/km
		mm	mm		
TMB Spec. / IEC 60502-1 / MS 274 600 / 1000V					
1.5	84/0.15	0.8	1.4	6.0	53
2.5	139/0.15	0.8	1.4	6.8	69
4	224/0.15	1.0	1.4	7.8	96
6	189/0.20	1.0	1.4	8.4	125
10	327/0.20	1.0	1.4	9.6	178
16	513/0.20	1.0	1.4	10.6	246
25	799/0.20	1.2	1.4	12.5	360
35	1125/0.20	1.2	1.4	14.0	473
50	717/0.30	1.4	1.4	15.8	655
70	1018/0.30	1.4	1.4	17.4	880
95	1334/0.30	1.6	1.5	19.9	1155
120	1722/0.30	1.6	1.5	21.6	1435
150	2150/0.30	1.8	1.6	24.3	1785
185	1445/0.40	2.0	1.7	26.4	2130
240	1909/0.40	2.2	1.8	30.0	2775