

Flat wires

Stranded Copper Conductor PVC Insulated and PVC Sheathed, Flat cables 300/500 V

For Fixed installation in dry or damp location, walls, boards and channel.

Type	: Cu/PVC/PVC
Standard	: BS 6004
Nominal Voltage	: 300/500 Volt
Conductor	: Soft annealed stranded wires complying with Class 2 as per BS EN 60228
Insulation	: PVC compound complying with TI 1 as per BS EN 50363-3
Sheath	: PVC compound complying with Type 6 as per BS
Temperature Range	: up to 70° C
Core Identification	: Blue, Red, Black, Yellow, Green/Yellow, Brown, Grey, White and others
Packing	: Plastic spools-coils or shrink wrap or non returnable wood drums as per customer requirement



Technical Table

Nominal Cross Section	Conductor Number x wire diameter	Conductor Outer Diameter (Approx)	Nominal Insulation Thickness	Nominal Sheath Thickness	Overall Diameter (Approx)	Cable Weight (Approx)	Max. DC Resistance at 20_ C
mm ²		mm	mm	mm	mm	kg/Km	Ω/Km
2 x 1.5	7 x 0.53	1.59	0.7	0.9	4.79 x 7.78	80	12.1
2 x 2.5	7 x 0.67	2.01	0.8	1.0	5.61 x 9.22	116	7.41
2 x 4	7 x 0.85	2.55	0.8	1.0	6.15 x 10.3	156	4.61
2 x 6	7 x 1.04	3.12	0.8	1.1	6.92 x 11.64	211	3.08
2 x 10	7 x 1.34	4.02	1.0	1.2	8.42 x 14.44	331	1.83
3 x 4	7 x 0.85	2.55	0.8	1.0	6.15 x 14.45	224	4.61
3 x 6	7 x 1.04	3.12	0.8	1.1	6.92 x 16.36	305	3.08
3 x 10	7 x 1.34	4.02	1.0	1.2	8.42 x 20.46	481	1.83

Note: Low smoke cables are also available and complying with BS 7211