



CABLE DESCRIPTION

Copper conductors, PVC insulated, laid up with a bare copper earth-continuity-conductor between them, PVC sheathed to BS6004.

INSTALLATION INFORMATION

- Surface wiring
- Under-plaster wiring
- Under-floor screed wiring
- Wiring in hollow walls
- Roof access wiring

PROPERTIES

- Specification : BS6004
- Temperature Range : -10°C to 70°C
- Voltage Rating : 300 / 500 V
- Sheath Identification : White & Black
- Core Identification : 2 Core - Red & Black
3 Core - Red, Yellow, Blue
- Packaging : 100 m shrink-wrapped coils
Available in 500 & 1000 metre wooden drums on request

TECHNICAL DATA

Cable Size *		Electrical Properties				Physical Properties		
		Conductor Resistance (dc @ 20°C)		Current Rating **	Volt Drop ***	1 Sec Short Circuit Rating	Overall Diameter (Approx.)	Cable Mass (Approx.)
(mm ²)		(Ω/km)		(A)	(mV/A·m)	(kA)	(mm)	(kg/100m)
Phase	Earth	Phase	Earth					
2 Core								
1,5	1	12,1	18,1	22	29	0,14	8,7 x 4,7	8,7
2,5	1,5	7,4	12,1	30	18	0,24	10,3 x 5,5	12,8
4	1,5	4,61	12,1	40	11	0,38	11,9 x 6,4	17,5
6	2,5	3,08	7,41	51	7,3	0,58	13,4 x 7,0	23,3
10	4	1,83	4,61	70	4,4	0,96	16,5 x 8,3	36,1
16	6	1,15	3,08	94	2,8	1,54	18,7 x 9,2	51,6
3 Core								
1	1	18,2	18,2	14,5	38	0,11	4,4 x 10,4	8,9
1,5	1	12,1	18,2	18,5	25	0,14	4,8 x 10,5	9,9
2,5	1,5	7,4	12,2	25	15	0,24	5,5 x 12,3	14,1

* Conductors larger than 2,5mm² are usually stranded
 ** Maximum conductor temperature 70° C in air at ambient of 30° C
 *** 2 Core - Volt drop is phase to Neutral (ie. Single-phase).
 3 and 4 Core - Volt drop is phase-to-phase. (ie. Three phase AC).