

# 6181YH

## GENERAL WIRING CABLE

**STANDARD:** BS 6004

**VOLTAGE RATING:** 300/500V

**APPLICATION:**

Domestic and light industrial wiring. Can be clipped to surface, on trays or in free air where there is little risk of mechanical damage. Suitable for laying into trunking or conduit etc when mechanical protection is required. May be embedded in plaster.

**CONSTRUCTION:**

Single core cable. Solid or stranded plain copper conductor, PVC insulated and PVC sheathed.

**CORE COLOURS:** Brown or Blue.

**SHEATH COLOURS:** Grey. Other colours available to order.

**BASEC:** Certified

**MAXIMUM CONDUCTOR TEMPERATURE:** 70°C

**CURRENT RATING:** Refer to tables 4D1A & 4D1B in BS7671 or "A Closer Look at Cable" or on pages 94-95.

Nominal area of conductor	Class of conductor	Maximum resistance of conductor at 20°C	Insulation thickness	Sheath thickness	Mean overall diameter (upper limit)	Approx nett weight	Minimum bending radius factor
mm <sup>2</sup>		Ω/km	mm	mm	mm	kg/km	
1	1	18.1	0.6	0.8	4.5	27	3D
1.5	1	12.1	0.7	0.8	4.9	36	3D
2.5	1	7.41	0.8	0.8	5.8	52	3D
4	2	4.61	0.9	0.9	6.8	76	3D
6	2	3.08	0.8	0.9	7.4	100	3D
10	2	1.83	1.0	0.9	8.8	160	3D
16	2	1.15	1.0	1.0	10.5	230	4D
25	2	0.727	1.2	1.1	12.5	340	4D
35	2	0.524	1.2	1.1	13.5	440	4D

