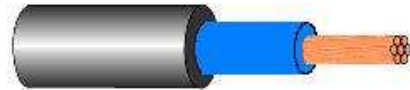


**BS 6004
round**

PVC insulated, PVC sheathed cable, 300/500 V, single core, in accordance with BS 6004



Application

The cable is designed for electricity supply, lightning, and electrical installations. Solid or stranded conductor is made from annealed copper wires.

Additional information

The cable conformed with the EU Directive 2002/95/EC on the Restriction of the use of Certain Hazardous Substances in Electrical and Electronic Equipment.

The cable conformed with the Low Voltage EU Directive 73/23/EEC

Construction

Conductor Solid (1-2,5mm²) class 1, stranded (4-16mm²) class 2 in accordance with BS 6004

Insulation In accordance with BS 6004

Core colours In accordance with BS 6004

Sheath PVC sheathing compounds type 6 in accordance with BS 7655-4.2 standard

Sheath colour In accordance with BS 6004

Technical data

Conductor In accordance with resistance at +20°C BS 6004

Cable operating temperature, max +70°C (under normal conditions)
+ 160°C (in the event of short circuit)

Thermal shock 1 h at +150°C

Nominal voltage, U₀/U 300/500 V

High voltage test 2 kV

Minimum bending radius > 5 times the cable diameter

Operating temperatures Mounting -5°C - +40°C
Operating -30°C - +70°C

Flame propagation Flame test in accordance with LST EN 60332-1-2

Basic cable construction data

Cable type, number of cores, cross-sectional area, mm ²	Nominal cable diameter, mm	Nominal thickness of insulation, mm	Nominal thickness of sheath, mm	Cable approx. weight, kg/km
BS 1x1,0	3,92	0,6	0,8	25
BS 1x1,5	4,36	0,7	0,8	33
BS 1x2,5	4,94	0,8	0,8	45
BS 1x4	5,95	0,8	0,9	72
BS 1x6	6,47	0,8	0,9	92
BS 1x10	7,73	1,0	0,9	139
BS 1x16	8,92	1,0	1,0	201