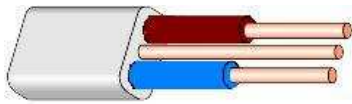


**BS 6004 flat** PVC insulated, PVC sheathed cable with circuit protective conductor, 300/500 V, single core, flat twin and 3 core, in accordance with BS 6004



## 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		Technical data	
Conductor	Solid (1-2,5 mm <sup>2</sup> ), class 1 Stranded (4-16 mm <sup>2</sup> ), class 2 in accordance with BS 6004	Conductor	In accordance with resistance at +20°C BS 6004
Insulation	In accordance with BS 6004	Cable operating temperature, max	+70°C (under normal conditions) + 160°C (in the event of short circuit)
Core colours	In accordance with BS 6004	Thermal shock	1 h at +150°C
Sheath	Plasticized PVC type 6 in accordance with BS 7655-4.2 standard	Nominal voltage, U <sub>0</sub> /U	300/500 V
Sheath colour	In accordance with BS 6004	High voltage test, kV	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 <sup>2</sup>	Nominal cable dimensions, mm		Nominal thickness of insulation, mm	Cross-sectional area of protective grounding core, mm <sup>2</sup>	Nominal thickness of sheath, mm	Cable approx. weight, kg/km
	Thickness	Width				
BS 2x1,0+1x1,0	4,11	7,53	0,6	1,0	0,9	62
BS 2x1,5+1x1,0	4,55	8,41	0,7	1,0	0,9	78
BS 2x2,5+1x1,5	5,33	10,01	0,8	1,5	1,0	115
BS 3x1,0+1x1,0	4,11	9,84	0,6	1,0	0,9	83
BS 3x1,5+1x1,0	4,55	11,16	0,7	1,0	0,9	107
BS 1x1,0+1x1,0	4,11	5,22	0,6	1,0	0,9	42
BS 1x1,5+1x1,0	4,55	5,66	0,7	1,0	0,9	51
BS 2x4+1x1,5	6,15	11,65	0,8	1,5	1,0	163
BS 2x6+1x2,5	6,87	13,27	0,8	2,5	1,1	283
BS 2x10+1x4	8,33	16,81	1,0	4,0	1,2	354
BS 2x16+1x6	9,52	19,51	1,0	6,0	1,3	507