

Table 1 PVC insulated flexible cable – Type BK

Construction:

Conductor: — class 5 copper, plain annealed

Insulation: — PVC type TI 1.

Colours for identification:

Single colours: Any colour is permitted subject to the notes in Clause 7

Bi-colour: Green-and-yellow (for earthing or similar protection, see Clause 7, notes 2 and 3)

Nominal cross-sectional area of conductor	Mean radial thickness of insulation	Mean overall diameter		Minimum insulation resistance at 70 °C
		Lower limit	Upper limit	
mm ²	mm	mm	mm	MΩ·km
0.5	0.8	2.4	3.0	0.0161
0.75	0.8	2.6	3.1	0.0141
1.0	0.8	2.7	3.3	0.0128
1.5	0.8	3.0	3.6	0.0111
2.5	0.8	3.4	4.1	0.0094
4	0.8	3.9	4.8	0.0077
6	0.8	4.4	5.3	0.0059
10	1.0	5.7	7.2	0.0058
16	1.0	6.7	9.0	0.0048
25	1.2	8.4	11.5	0.0047
35	1.2	9.7	12.5	0.0040
50	1.4	11.5	15.4	0.0039
70	1.4	13.2	17.5	0.0033
95	1.6	15.1	19.2	0.0032
120	1.6	16.7	21.2	0.0029
150	1.8	18.6	23.9	0.0029
185	2.0	20.6	25.9	0.0029
240	2.2	23.5	28.9	0.0028