

DIMENSIONS

No. Of Cores	Nominal Cross Sectional Area mm ²	Nominal Thickness Of Insulation mm	Nominal Overall Diameter mm	Nominal Weight Kg/Km
2	0.75	0.6	6.3	57
2	1	0.6	6.6	65
2	1.5	0.7	7.4	84
2	2.5	0.8	9.1	130
3	0.75	0.6	6.7	68
3	1	0.6	7	78
3	1.5	0.7	8.1	108
3	2.5	0.8	9.9	163
3	4	0.8	11.3	227
4	0.75	0.6	7.3	82
4	1	0.6	7.9	100
4	1.5	0.7	9	134
4	2.5	0.8	10.8	201
5	0.75	0.6	8.1	102
5	1	0.6	8.6	120
5	1.5	0.7	10	166

Colour Codes

COLOUR	Black	White
CODE	BK	WH

CONDUCTORS

Class 5 Flexible Copper Conductors for Single Core and Multi-Core Cables

Nominal Cross Sectional Area mm ²	Maximum Diameter Of Wires In Conductor mm	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C
		Plain Wires ohms/km
0.75	0.21	26
1	0.21	19.5
1.5	0.26	13.3
2.5	0.26	7.98
4	0.31	4.95

The above table is in accordance with BS EN 60228 (previously BS 6360)

ELECTRICAL CHARACTERISTICS

Current Carrying Capacity and Mass Supportable

Nominal Cross Sectional Area mm ²	Current Carrying Capacity Amps		Maximum Mass Supportable By Twin Flexible Cord (See Regulations 522.7.2 and 559.6.1.5 of the 17th Edition of IEE Wiring Regulations) kg
	Single-Phase AC	Three-Phase AC	
0.75	6	6	3
1	10	10	5
1.5	16	16	5
2.5	25	20	5
4	32	25	5

The above table is in accordance with Table 4F3A of the 17th Edition of IEE Wiring Regulations.

Nominal Cross Sectional Area mm ²	Dc Or Single-Phase Ac mV/A/m	Three-Phase Ac mV/A/m
0.75	62	54
1	46	40
1.5	32	27
2.5	19	16
4	12	10

Conductor operating temperature: 60°C

The above table is in accordance with Table 4F3B of the 17th Edition of IEE Wiring Regulations.

DE-RATING FACTORS

De-Rating Factor for Ambient Temperature 60°C Thermoplastic or Thermosetting Insulated Cords

AIRTEMPERATURE	35°C	40°C	45°C	50°C	55°C
DE-RATINGFACTOR	0.91	0.82	0.71	0.58	0.41

The above table is in accordance with Table 4F3A of the 17th Edition of IEE Wiring Regulations.