

DIMENSIONS

No. Of Cores	Nominal Cross Sectional Area mm ²	Nominal Thickness Of Insulation mm	Nominal Thickness Of Sheath mm	Nominal Overall Diameter mm	NOMINAL WEIGHT kg/km
1	1.5	0.7	0.8	4.51	31
1	2.5	0.7	0.8	4.95	42
1	4	0.7	0.9	5.65	59
1	6	0.7	0.9	6.8	82
1	10	0.7	0.9	7.1	121
1	16	0.7	0.9	8.4	177
1	25	0.9	1	10.3	266
1	35	0.9	1.1	11.5	365
1	50	1	1.4	14.9	535
1	70	1.1	1.4	16.3	723
1	95	1.1	1.5	18.6	940
1	120	1.2	1.5	20.8	1183
1	150	1.4	1.6	22.2	1468
1	185	1.6	1.7	24.3	1785
1	240	1.7	1.8	27.8	2310

Colour Codes

COLOUR	Blue (Blue)	Grey (Grey)	Green/Yellow (Green/Yellow)
CODE	BL/BL	GR/GR	GY/GY

CONDUCTORS

Class 5 Stranded 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
1.5	0.26	13.3
2.5	0.26	7.98
4	0.31	4.95
6	0.31	3.3
10	0.41	1.91
16	0.41	1.21
25	0.41	0.78
35	0.41	0.554
50	0.41	0.386
70	0.51	0.272
95	0.51	0.206
120	0.51	0.161
150	0.51	0.129
185	0.51	0.106
240	0.51	0.0801

ELECTRICAL CHARACTERISTICS

Current Carrying Capacity

Nominal Cross Sectional Area mm ²	Voltage Drop mV/A/m	Current Rating	
		In Earth Amps	In Air Amps
1.5	26.6	27	41
2.5	15.96	35	55
4	9.9	47	71
6	6.6	59	90
10	3.82	81	124
16	2.42	107	160
25	1.56	144	208
35	1.108	176	250
50	0.772	214	296
70	0.544	270	365
95	0.412	334	438
120	0.322	389	501
150	0.258	446	563
185	0.212	516	639
240	0.1602	618	716