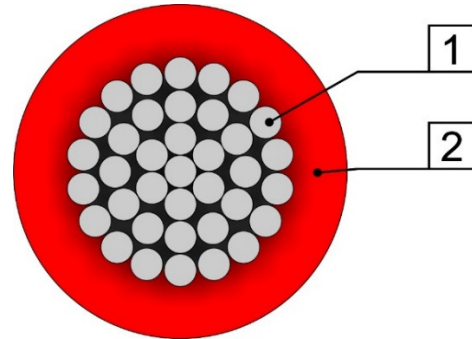


### Construction

- 1 Flexible tinned copper conductor
- 2 Silicone rubber insulation type EI2



**References:** EN 60228 Class 6  
Halogen Free – EN 50363

**Voltage:** 300/500v for sizes up to 6mm  
600/1000v for sizes over 6mm

**Test Voltage:** 2000v

**Working Temperature:** -60°C to +180°C on the conductor

**Max temp. of short circuit:** 350°C on the conductor

**Minimum bending radius:** 3 x Ø

**Application:** Extra flexible single core silicone rubber insulated for use in electrical appliances and luminaires and general use where temperature range is widely variable. The cables are Halogen free and low in smoke.

Part No.	Nominal Size mm <sup>2</sup>	Maximum diameter of wires (mm)	Outer Diameter (mm)	Cable Weight (Kg/Km)	Maximum conductor resistance At 20°C Ohms/Km	
					Plain	Tinned
1800301**	1 x 0.25	0.07	1.8	7	83.8	86.0
1800401**	1 x 0.35	0.07	1.9	8	54.4	55.5
1800501**	1 x 0.50	0.07	2.1	10	39.0	40.1
1800701**	1 x 0.75	0.07	2.3	13	26.0	26.7
1801001**	1 x 1.0	0.07	2.5	15	19.5	20.0
1801501**	1 x 1.5	0.1	2.8	21	13.3	13.7
1802501**	1 x 2.5	0.1	3.5	34	7.98	8.21
1804001**	1 x 4.0	0.15	4.1	49	4.95	5.09
1806001**	1 x 6.0	0.20	4.7	68	3.30	3.39
1810001**	1 x 10	0.20	6.1	110	1.91	1.95
1816001**	1 x 16	0.20	7.5	168	1.21	1.24
1825001**	1 x 25	0.20	9.1	254	0.780	0.795
1835001**	1 x 35	0.20	10.3	347	0.554	0.565
1850001**	1 x 50	0.20	12.0	490	0.382	0.393
1870001**	1 x 70	0.20	13.7	686	0.272	0.277
1895001**	1 x 95	0.20	15.6	888	0.206	0.210
1811201**	1 x 120	0.20	17.4	1149	0.161	0.164
1815001**	1 x 150	0.20	19.3	1411	0.129	0.132

Replace \*\* with colour

00 Black 01 Blue 02 Brown 03 Green 04 Green/Yellow 05 Grey 06 Orange 07 Pink 08 Red 09 Violet 10 White 11 Yellow

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Doc Ref: PCL\_DAT\_029\_03