

**Description:** Silicone Multicore Cable. Ideal for applications in environments where temperatures are either high or low, these cables work between -50°C to +180°C. When exposed to fire they emit minimal levels of halogen gas.



### Construction

Conductor Material : Tinned Copper, Class 5  
 Conductor Insulation : Silicone Rubber  
 Core Identification : 2core – Brown, Blue      3core – Brown, Blue, Green/Yellow  
                                : 4core – Brown, Black, Grey, Green/Yellow  
                                : 5core – Brown, Black, Grey, Blue, Green/Yellow  
                                : 7 cores above – Black Cores with White Numbers + Green/Yellow  
 Sheath Material : Silicone Rubber  
 Sheath Colour : Brick Red

### Electrical Characteristics

Nominal Conductor Resistance : BS EN 60228  
 Voltage Rating : 300/500V  
 Test Voltage (AC) : 2000V

### Physical Characteristics

Min. Bend Radius : Flexing 10 x OD      Static 5 x OD  
 Temperature Rating : -50°C to +180°C  
 Short-Term Temperature : 200°C

### Standards

Flame Retardant : BS EN 60332-1-2  
 Halogen Gas Emission : BS EN 60754-1&2  
 RoHS3 Compliant : Yes  
 CE Compliant : LVD (2014/35/EU)

Part No.	Cores x mm <sup>2</sup>	Weight kg/km	O/D mm	Part No.	Cores x mm <sup>2</sup>	Weight kg/km	O/D mm
47100702	2 x 0.75	60	6.3	47102502	2 x 2.5	174	8.8
47100703	3 x 0.75	71	6.8	47102503	3 x 2.5	214	9.7
47100704E	4 x 0.75	91	7.7	47102504E	4 x 2.5	263	10.6
47100705E	5 x 0.75	114	8.5	47102405E	5 x 2.5	317	11.8
47100707E	7 x 0.75	139	9.2	47102507	7 x 2.5	588	12.7
47101002	2 x 1	67	6.6	47104003	3 x 4	308	12.8
47101003	3 x 1	81	7.0	47104004E	4 x 4	369	13.8
47101004E	4 x 1	104	8.0	47104005E	5 x 4	472	15.3
47101005E	5 x 1	130	9.0	47106003E	3 x 6	418	14.5
47101007	7 x 1	161	9.8	47106004E	4 x 6	525	15.8
47101502	2 x 1.5	92	7.6	47106005E	5 x 6	654	17.9
47101503	3 x 1.5	111	8.0	47110004E	4 x 10	711	20.8
47101504E	4 x 1.5	137	9.0				
47101505E	5 x 1.5	167	9.7				
47101507	7 x 1.5	208	10.5				
47101512	12 x 1.5	371	14.1				