

**Description:** Silicone stranded single core 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 smoke and halogen gas.



### Construction

Conductor Material : Tinned Copper, Class 5  
 Conductor Insulation : Silicone Rubber  
 Colours Available : Replace XX on the end of the part number with the colour

00	Black	04	White	08	Orange
01	Blue	05	Grey	09	Yellow
02	Brown	06	Violet	10	Green
03	Red	07	Pink	99	Green/ Yellow

### Electrical Characteristics

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

### Physical Characteristics

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

### Standards

Flame Retardant : BS EN 60332-1-2 (sizes above and including 2.5mm<sup>2</sup> only)  
 Halogen Gas Emission : BS EN 60754-1&2  
 RoHS3 Compliant : Yes  
 CE Compliant : LVD (2014/35/EU)

Part No.	Size mm <sup>2</sup>	Weight kg/km	OD mm	Part No.	Size mm <sup>2</sup>	Weight kg/km	OD mm
451005xx	0.50	8	2.1	451250xx	25	289	9.2
451007xx	0.75	11	2.4	451350xx	35	399	10.3
451010xx	1.0	13	2.5	451500xx	50	559	12.2
451015xx	1.5	18	2.8	451700xx	70	776	14.2
451025xx	2.5	30	3.4	451950xx	95	1032	16.6
451040xx	4.0	48	4.2	451120xx	120	1285	18.0
451060xx	6.0	71	4.9	451150xx	150	1565	20.0
451100xx	10	120	6.7	451185xx	185	1915	22.5
451160xx	16	187	7.4				