

Description: Silicone glass braided 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
 Braid : Impregnated Glass Fibre
 Colours Available : Replace XX in the part number with

| | | | | | |
|----|-------|----|--------|----|---------------|
| 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 : 10 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. | Size mm ² | Weight kg/km | OD mm | Part No. | Size mm ² | Weight kg/km | OD mm |
|----------|----------------------|--------------|-------|----------|----------------------|--------------|-------|
| 461005xx | 0.50 | 11 | 2.5 | 46110004 | 10 | 137 | 7.6 |
| 461007xx | 0.75 | 14 | 2.8 | 46116004 | 16 | 200 | 8.4 |
| 461010xx | 1.0 | 16 | 2.9 | 46125004 | 25 | 300 | 10.2 |
| 461015xx | 1.5 | 22 | 3.2 | 46135004 | 35 | 400 | 11.3 |
| 461025xx | 2.5 | 34 | 3.8 | 46150004 | 50 | 550 | 13.4 |
| 46104004 | 4.0 | 53 | 4.6 | 46170004 | 70 | 750 | 15.4 |
| 46106004 | 6.0 | 76 | 5.4 | 46195004 | 95 | 1000 | 17.8 |