

**Part No:** 45501004  
**Description:** SiF-HT single core cable. Ideal for high voltage applications where temperatures are either high or low, these cables work between -50°C to +180°C and operate up to 10kV. When exposed to fire they emit minimal levels of smoke and halogen gas.



### Construction

Conductor Material : Tinned Copper, 1.0mm<sup>2</sup> (32/0.2mm)  
 Conductor Insulation : Silicone Rubber  
 Colours Available : White

### Electrical Characteristics

Nominal Conductor Resistance : < 20.0 Ω/km  
 Voltage Rating : 10 kV  
 Impulsive Voltage : 20 kV  
 Test Voltage : 20 kV

### Physical Characteristics

Insulation Thickness : 2.8 mm  
 Overall Diameter : 7.0 mm  
 Min. Bend Radius : 10 x OD  
 Temperature Rating : -50°C to +180°C  
 Short-Term Temperature : 200°C  
 Weight : 68 kg/km

### 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)