

SiF-HT 5kV Silicone Single Core Cable Technical Datasheet

Part No: 45301003

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 5kV. When exposed to fire they emit minimal levels of smoke and halogen gas.

Construction

Conductor Material : Tinned Copper, 1.0mm² (32/0.2mm)

Conductor Insulation : Silicone Rubber

Colours Available : Red

Electrical Characteristics

 $\begin{array}{lll} \mbox{Nominal Conductor Resistance} & : < 20.0 \ \Omega/\mbox{km} \\ \mbox{Voltage Rating} & : 5 \ \mbox{kV} \\ \mbox{Impulsive Voltage} & : 7.5/15 \ \mbox{kV} \\ \mbox{Test Voltage} & : 10 \ \mbox{kV} \\ \end{array}$

Physical Characteristics

Insulation Thickness : 1.8mm

Overall Diameter : 5.0 mm

Min. Bend Radius : 10 x OD

Temperature Rating : -50°C to +180°C

Short-Term Temperature : 200°C

Weight : 38 kg/km

Standards

Halogen Gas Emission : BS EN 60754-1&2

RoHS3 Compliant : Yes

CE Compliant : LVD (2014/35/EU)

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amend the product information without notice or liability.

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