

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)

FS Cables Ltd Export Sales 01727 840 841 +44 1727 849 841

amend the product information without notice or liability.

sales@fscables.com sales@fscglobal.com

Information and images on this techincal datasheet are intended for guidance only and products may vary due to manufacturing changes, technical improvements and commercial factors. We reserve the right to

www.fscables.com www.fscglobal.com Part Number 45301003
Date: 24/10/2019
Revision: 1.1

Author: GB Checked: GB Page Number: 1 of 1