

Temperature Cable SM

BTC-01

Description

Flexible mini fiber optic sensing cable, fast thermal response, strong, with stainless steel loose tube with 2 sensing fibers (Singlemode according to ITU-T G.652). High temperature fibers with primary coating. TPA outer sheath and blue jacket similar to RAL 5005.

Features

- Temperature range for operating and storage: $-40^{\circ}+85^{\circ}\text{C}$
- Temperature for installation: $-5^{\circ}+50^{\circ}\text{C}$
- Short-term temperature: (max 60 min) $-50^{\circ}\text{C}+150^{\circ}\text{C}$
- Fiber type : Single Mode according to ITU-T G.652
- Stainless steel wires and loose tube
- High flexibility
- Low weight
- Compact design
- Excellent rodent protection
- High tensile strength
- High crush resistant
- Flame retardant cable sheath (on request)

Standards

IEC 60794-1-2



Standard specifications

Parameter	Value
Max. no. of fibres units	2 pieces
Cable \varnothing	3,8 mm
Weight	25 kg/km
Max. tensile Strength	1500 short-term N
Max. tensile Strength	1100 long-term N
Min. bending radius	20Xd with tensile mm
Min. bending radius	15xD without tensile mm
Max. crush resistance	960 N/cm

Ordering Information

Part Number	Description
BTC-01	Temperature cable SM

FOS&S BVBA reserves the right to make changes without further notice to any products herein. FOS&S BVBA 2009. All rights reserved.