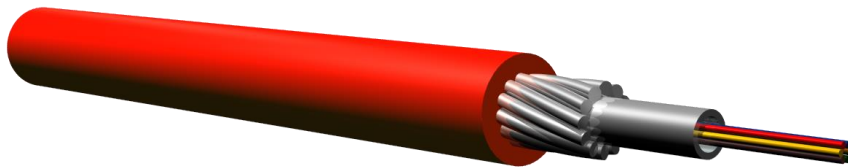
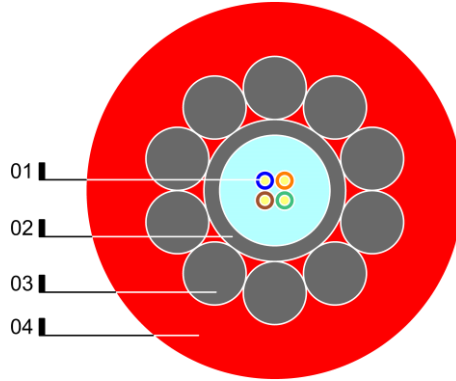


DTS-FOSC (Temperature FO Sensing Cable) / ETW.40.104

Metallic Armored Sensing Optical Cable (UP TO 12 FO)

Cable Description

- 01. Fibre Optics
- 02. Satinless Steel Tube
- 03. Metallic Armour
- 04. Outer Jacket



Applications

Universal (Indoor/Outdoor)
Temperature Sensing Applications
Raman Detection
Harsh Environments

Features

Compact
Tough
Resistant
Reduced diameter
Watertight
Excellent resistance to rodents



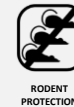
MOISTURE PROTECTED



WATERTIGHT



ULTRAVIOLET RESISTANCE



RODENT PROTECTION



HALOGEN FREE



DISTRIBUTED TEMPERATURE SENSOR

SPECIFICATIONS

Fibre Count	UP TO 8	UP TO 12
Loose Tube	Stainless Steel Tube	
Loose Tube Ø (mm)	1.80 ±0.05	2.40 ±0.05
Armour	Stainless Steel Wires	
Outer Sheath	LSZH-FR – Red (RAL 3000)	
Weigth (Kg/Km)	64	79
Outer Ø (mm)	4.8 ±0.3	5.4 ±0.3
Máx. Tensile Load (N)	5000 (according to IEC 60794-1-2 E1)	
Máx. Crush (N/10cm)	10000 (according to IEC 60794-1-2 E3)	
Min. Bending Radius (mm)	300 (according to IEC 60794-1-21 E11, 1 Turn)	
Temperature Range	-30°C ~ +70°C (according to IEC 60794-1-2 F1)	

Standards

Thermal and mechanical tests: EN187000, IEC60794-1-2.

Fire Rating

Halogen Free (IEC-60754-1)
Low smoke emission (IEC-61034-1/-2)
Flame Retardant (IEC-60332-1)
Fire Retardant (IEC-60332-3)
Fire Resistant (IEC-60331-25, 750°C, 120min)

Fibres colour code (TIA-598): Blue – Orange - Green – Brown – Grey – White – Red – Black – Yellow – Violet – Pink - Turquoise.