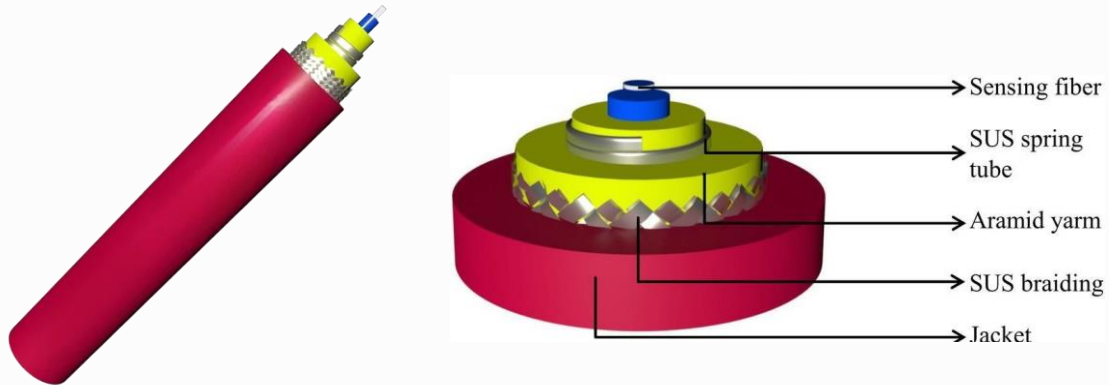


DTS MM Sensing Cable

MODEL : IK-FOC-SCJKBH-T-03L



Description

SCJKBH-T-03L DTS MM Sensing Cable is a type of fiber optic sensor that is placed inside a spiral armored tube. The outer surface of the spiral armored tube is reinforced with aramid and metal wire weaving, and the outer protection is protected by low smoke, halogen-free, and flame-retardant materials. The optical unit adopts sensing fiber, which meets the international standards for single mode and multimode fiber indicators while also possessing excellent Raman scattering characteristics. This type of optical cable is widely used for tunnel fire temperature measurement, fire temperature measurement in large industrial enterprises such as petrochemical, steel, and coal, and health inspection in large buildings such as bridges and warehouses. It is combined with dedicated DTS equipment to achieve system temperature measurement.

Applications

- Distributed temperature measurement for highways, tunnels, subways, cable surface patches, etc.
- Cable trenches, cable interlayers, cable tunnels, etc.
- Fire temperature measurement for large buildings such as factories, guilds, and granaries

DTS MM Sensing Cable

MODEL : IK-FOC-SCJKBH-T-03L



Characteristics

- Fiber optic cables have excellent flexibility and are easy to construct and lay out
- Simple structure, small outer diameter, fast thermal penetration and fast temperature measurement
- Polyethylene sheath with good UV resistance
- Double layer armor protection with excellent mechanical performance

Technical Parameters

Cable Type	Cable Diameter	Cable Weight	Tensile Strength Long/Short term	Crush Resistance Long/Short term	Bending Radius Dynamic/Static	Storage Temperature
	(mm)	(kg/km)	(N)	(N)	(mm)	(°C)
SCJKBH-T-03L	3.0±0.1	18	200/400	2000/3000	10D/20D	- 20 ~ + 60
SCJKBH-T-03L	3.3±0.1	20	200/400	2000/3000	10D/20D	- 20 ~ + 60

Note:

Standard length: 2000m; other lengths are also available.

Fiber type: Sensing Fiber

Ordering information

MODEL: IK-FOC-SCJKBH-T-03L

- FOC: Fiber Optic Cable
- SCJKBH: Cable Type