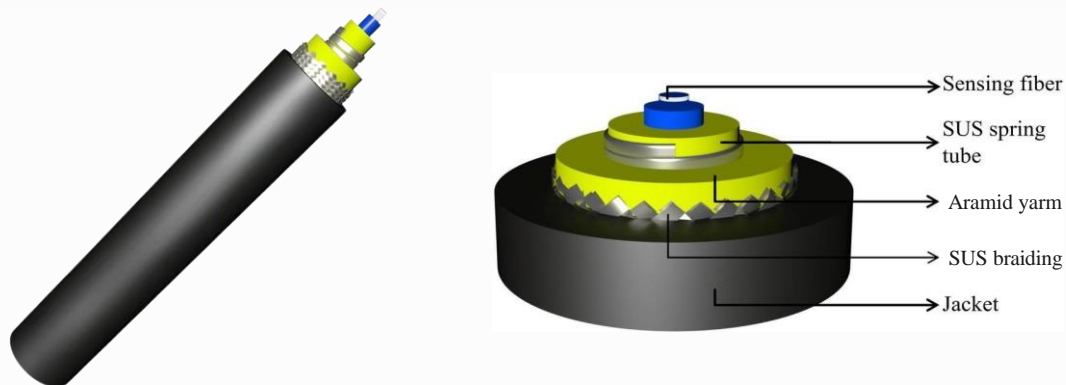


DTS SM Sensing Cable

MODEL : IK-FOC-SCJKBY-T-03B



Description

SCJKBY-T-03B DTS SM sensing cable is a type of fiber optic cable that is placed inside a spiral armored tube. The outer surface of the spiral armored tube is reinforced with aramid and stainless steel wire weaving, and the outer cover is protected with polyethylene material, which is UV resistant, waterproof, and has excellent Raman scattering characteristics. This type of optical cable is widely used in fiber optic distributed temperature measurement systems such as highways, tunnels, subways, bridges, and cable surface patches.

Applications

- Fiber optic distributed temperature measurement for highways, tunnels, subways, bridges, cable surface patches, etc.

DTS SM Sensing Cable

MODEL : IK-FOC-SCJKBY-T-03B

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)
SCJKBY-T-03B	3.0±0.1	17	200/400	2000/3000	10D/20D	- 40 ~ + 85
SCJKBY-T-03B	3.3±0.1	19	200/400	2000/3000	10D/20D	- 40~ + 85

Note:

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

Fiber type: Sensing Fiber

Ordering information

MODEL: IK-FOC-SCJKBY-T-03B

- FOC: Fiber Optic Cable
- SCJKBY: Cable Type