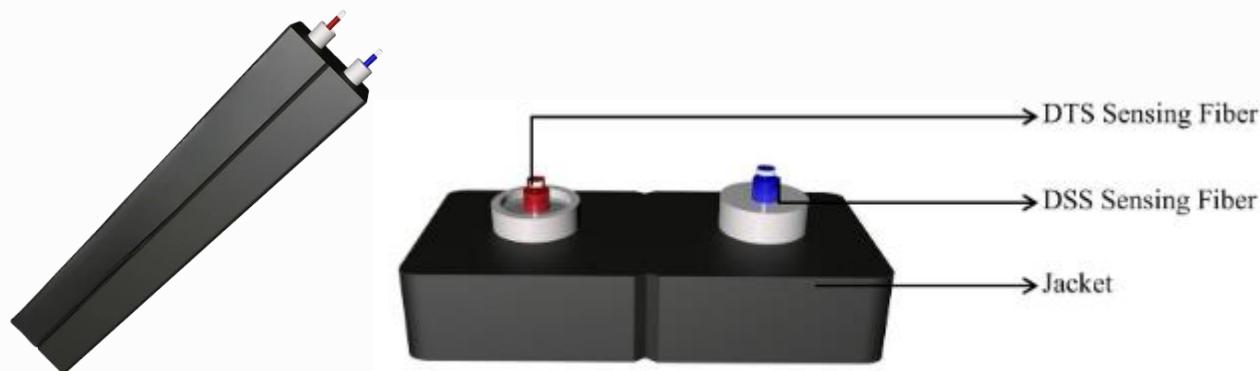


DTS or DSS Sensing Cable

MODEL : IK-FOC-SCJFU-TS-2545B



Description

SCJFU-TS-2545B The temperature/strain composite sensing optical cable fuses the strain tight-acketed optical fiber and the temperature-compensated loose-jacketed optical fiber. The strain part can accurately sense the external stress change, and the temperature-compensated part can isolate the external deformation by adopting the loose-jacketed structure, so that the temperature measurement can be realized. The product has good toughness, portability, flat shape and natural straight line state, which is especially suitable for surface-mounted adhesive wiring, and is widely used in the monitoring fields of large-scale building health, pipe gallery, pipeline and so on.

Applications

- Suitable for health monitoring of concrete structures.
- Suitable for health monitoring of steel structures.
- It is suitable for monitoring the pipeline body of long-distance pipelines.

DTS or DSS Sensing Cable

MODEL : IK-FOC-SCJFU-TS-2545B



Characteristics

- Good compressive and tensile properties.
- Friction resistance, corrosion resistance and oil resistance
- Good flexibility and bending resistance
- Suitable for surface mounting and gluing wiring.

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)
SCJFU-TS-2545B	2.5*4.5	15	100/500	50/150	20D/10D	- 40 ~ + 85

Note:

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

Fiber type: Sensing Fiber

Ordering information

MODEL: IK-FOC-SCJFU-TS-2545B

- FOC: Fiber Optic Cable
- SCJFU-TS-2545B: Cable Type