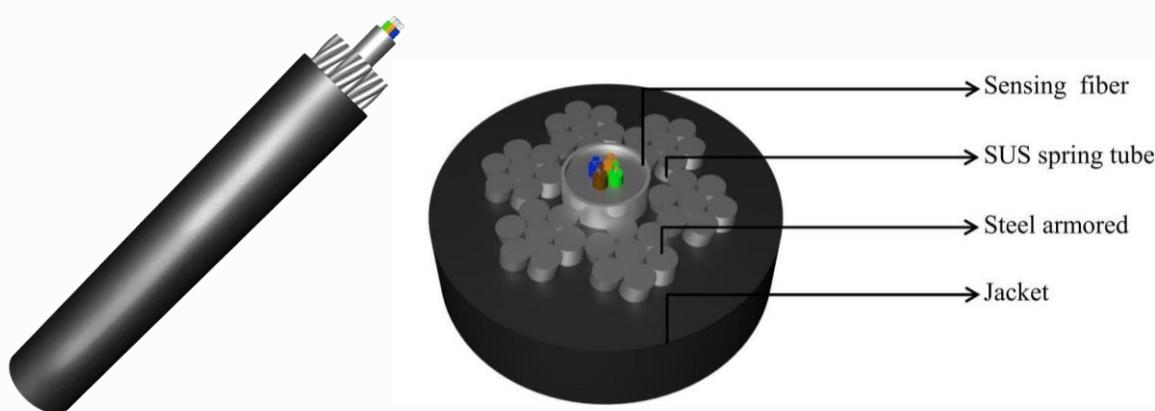


# Mining Sensing Cable

MODEL : IK-FOC-SCKFH-T-05L



## Description

SCKFH-T-05L Mining sensing optical cable is a type of sensing optical cable specifically designed for monitoring environmental safety in flammable and explosive situations such as coal mines and metal mines. The optical cable is composed of PBT loose tube (or stainless steel pipe), twisted stainless steel wire reinforcement, and high flame retardant sheath. Due to the use of twisted steel wire with strong tensile strength for reinforcement, it has strong tensile, compressive, and explosion resistance properties, which can adapt to complex environments in mines, resist damage caused by malignant accidents such as rockfall and collapse, and ensure the normal operation of sensors.

## Applications

- Oil well temperature measurement
- Stress strain sensing
- Perimeter intrusion warning
- Special environmental applications
- Tensile environment

# Mining Sensing Cable

MODEL : IK-FOC-SCKFH-T-05L



## Characteristics

- High tensile strength
- Stable optical transmission
- Can be used in underground, hanging nets, pipelines and other environmental situations
- Steel cable armor with low thermal expansion and contraction rate greatly reduces the impact of temperature on optical fibers

## Technical Parameters

Cable Type	Cable Diameter (mm)	Cable Weight (kg/km)	Tensile Strength Long/Short term	Crush Resistance Long/Short term	Bending Radius Dynamic/Static (mm)	Storage Temperature (°c)
			(N)	(N)	(mm)	(°c)
SCKFH-T-05L	5.0±0.1	46	2000/3000	3000/5000	10D/20D	-40~+85

### Note:

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

Fiber type: Sensing Fiber

## Ordering information

MODEL: IK-FOC-SCKFH-T-05L

- FOC: Fiber Optic Cable
- SCKFH-T-05L: Cable Type