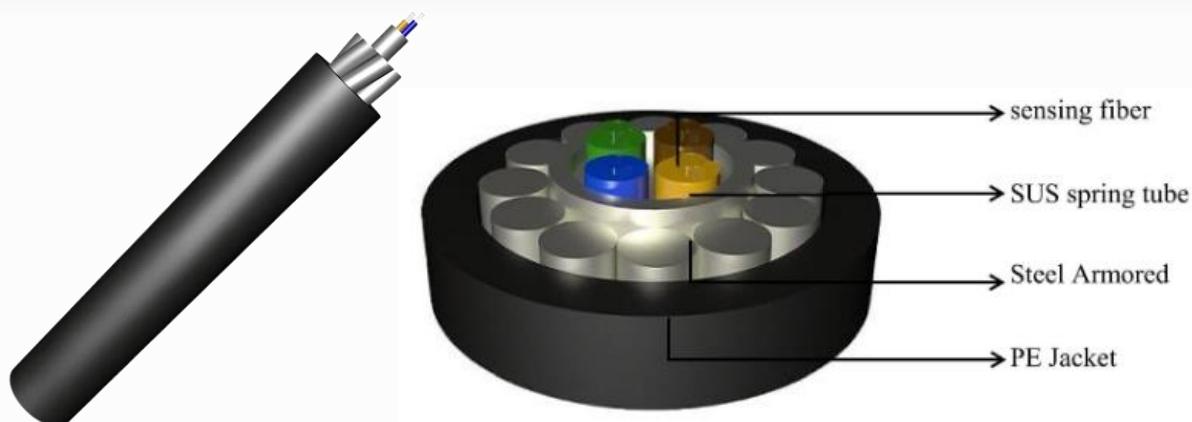


Pipeline Sensing Cable

MODEL : IK-FOC-SCTXG3Y-T-05L



Description

SCTXG3Y-T-05L pipeline leakage sensing optical cable is a kind of optical cable used for long-distance pipeline leakage monitoring. The optical cable adopts stainless steel seamless steel pipe as the optical fiber protection unit, and is twisted by a plurality of high-strength and high-tensile stainless steel wires, and the outer sheath is extruded with PE outer sheath, which has good mechanical properties such as tensile and compressive resistance. This sensing optical cable is mainly used for leakage monitoring of long oil pipelines, long gas pipelines and long water pipelines, and is suitable for laying close to the outer wall of pipelines.

Applications

- Monitoring of leakage and external damage prevention of oil, gas and water pipelines
- Optical fiber distributed temperature measurement in cable trench, coal mine and so on

Pipeline Sensing Cable

MODEL : IK-FOC-SCTXG3Y-T-05L



Characteristics

- Steel wire stranded armored protection, with good mechanical properties.
- Optical cable has excellent tensile, smashing, cutting and damage prevention functions.
- Simple structure, small outside diameter, fast thermal penetration and fast temperature measurement
- Suitable for laying close to the outer wall of pipeline.

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)
SCTXG3Y-T-05L	5.0±0.1	48	2000/3000	4000/8000	10D/20D	- 40 ~ + 85

Note:

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

Fiber type: Sensing Fiber

Ordering information

MODEL: IK-FOC-SCTXG3Y-T-05L

- FOC: Fiber Optic Cable
- SCTXG3Y: Cable Type