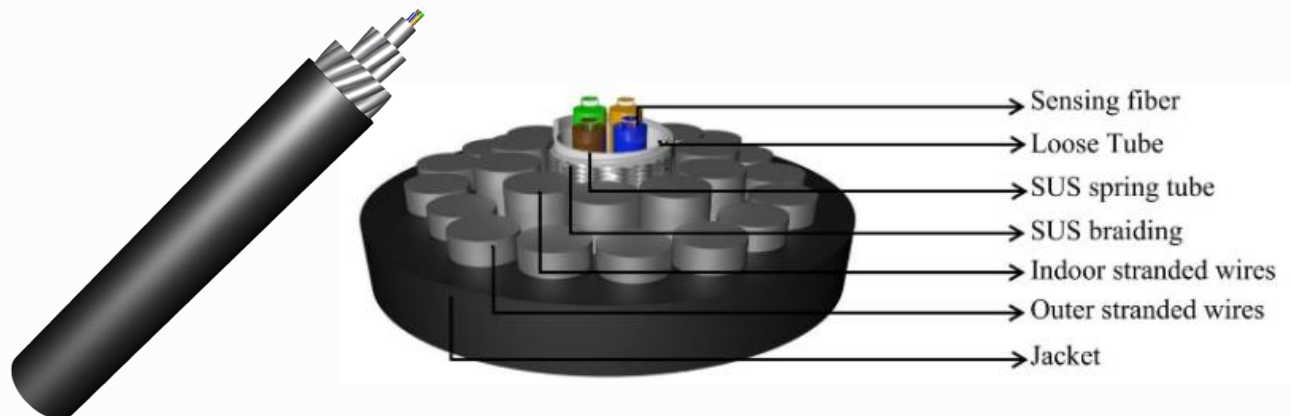


Direct Buried Heat Pipeline Sensing Cable

MODEL : IK-FOC-SCTXW33Y-T-09L



Description

SCTXW33Y-T-09L The structure of buried thermal pipeline sensing optical cable is that single- mode or multi-mode optical fiber loose tube is sheathed in spiral armor, and a circle of stainless steel mesh shielding layer is tightly sheathed outside the spiral armor, then the first circle of steel wires are arranged neatly to form a stranded layer, and then the second layer of steel wires are twisted, and finally the polyethylene (PE) outer sheath is extruded to form a cable, and the spiral armor is armored with stainless steel braided wires to improve the compression resistance and rat bite resistance of the optical cable. The arrangement of the stranded layers of steel wires is effective in tensile strength, compression resistance and cold resistance, and has good tensile strength.

Applications

- Leakage, vibration, temperature measurement and strain monitoring of thermal pipeline
- Temperature monitoring of high damage environment such as geotechnical construction, mine, rammed road and open pit mine

Direct Buried Heat Pipeline Sensing Cable

MODEL : IK-FOC-SCTXW33Y-T-09L



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 buried laying

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)
SCTXW33Y-T-09L	9.0±0.1	192	5000/10000	5000/10000	15D/25D	- 40 ~ + 85

Note:

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

Fiber type: Sensing Fiber

Ordering information

MODEL: IK-FOC-SCTXW33Y-T-09L

- FOC: Fiber Optic Cable
- SCTXW33Y: Cable Type