FSI-10

Fiber Signal Identifier

FSI-10 Fiber Signal Identifier is a low-cost, portable instrument designed to detect optical signals on a life fiber link without peeling the fiber. During maintenance, installations, rerouting or restorations, it is often necessary to isolate a specific fiber. FSI-10 is recommended for tightly buffered fiber with RB0.25 clamp, bare fiber with RB0.9 clamp and jacketed fiber with RB3.0 clamp. By simply clamping FSI-10 onto a fiber, the FSI-10 will indicate if there is a signal, a CW, 270Hz, 1KHz or 2KHz wave, or traffic and show the signal direction and identify the grade of the optical power intensity. It can also be used for locating a particular dark fiber. A highly impact-resistant molded plastic case makes FSI-10 suitable for use both indoors and outdoors.

Key Features

- Easy and convenient operation with a single keystroke
- Detecting life CW, 270Hz, 1KHz or 2KHz signals
- Locates a particular dark fiber using tone recognition (270 Hz, 1 kHz or 2 kHz)
- Indicates signal intensity
- Low battery reminder
- Concise LED Indicators
- Interchangeable adaptor heads (clamps) for jacketed and coated fiber

Standard Package

- Main unit
- 2 pcs AA Battery
- Operating Manual
- Soft carrying case
- Two interchangeable adapter heads (clamps) for jacketed and coated fiber

Related Products

FSI-20

Specifications

Sensitivity*	1310nm(typical)	1550nm(typical)
Continuous Wave	-23dBm	-30dBm
2KHz Modulated Wave	-10dBm	-18dBm
1KHz Modulated Wave	-10dBm	-18dBm
270Hz Modulated Wave	-10dBm	-18dBm

* the minimum recognizable optical intensity in the fiber

Recognizable Wavelength Range	900 to 1650nm
Recognizable signal type	CW, 270Hz±5%, 1KHz±5%, 2kHz±5%
Detector Type	InGaAa 2pcs
Detecting Sensitivity	≤ -50dBm
Clamp Type	RB0.25 for tightly buffered fibers RB0.9 for bare fibers RB3.0 for jacketed fiber
LED Indicators	Signal On-Line Signal Traffic: Left or Right Signal Frequencies: 270Hz, 1kHz and 2kHz Signal Intensity: 5 grades Low Battery
Power	2 x 1.5V AA batteries
Operating Temperature	-10 ~ +50ºC
Storage Temperature	-20 ~ +60ºC
Relative Humidity	< 95% (Non-condensing)
Dimension (mm)	202L×62W×36H
Weight	270g

Note: Specifications subject to change without notice