

FIBER OPTIC IDENTIFIER FTTH ACTIVE LIVE TRAFFIC DETECTOR & VFL



Strong Red light



LED Lighting

Overview

The Fiber Optic Identifier FTTH Active Live Traffic Detector, model S2, is specifically designed for detecting live fiber optical lines during maintenance and repair operations. This device, compatible 3mm/2mm; 0.9mm; 0.25mm cable, is ideal for various network configurations such as FTTH, FTTB, and FTTX.

Applications

This device is designed for use within the telecommunications sector, data centers, and large-scale corporate IT infrastructures. It is ideal for continuous monitoring of fiber lines, rapid fault detection, and optimization of network maintenance processes. It also offers benefits in terms of energy efficiency and operational cost reduction.

Features

- **Broad Wavelength Range:** The device can detect signals across a wide wavelength range from 850nm to 1700nm.
- **Modulation Frequencies:** Capable of detecting signals at modulation frequencies of CW, 270Hz, 1kHz, and 2kHz.
- **Design and Ease of Use:** Equipped with a user-friendly interface, portable design, and a low battery indicator.

Specification

Function	Signal Recognition	Insertion Loss (dBm, typical)	0.8(1310nm), 2.5(1550nm)
VFL	10MW	Type (mm)	φ 0.25 (for bare fiber), φ 0.9, 2.0, 3.0 (for pigtail)
Signal Frequency Display	CW 270, 1k, 2k	Recognize wavelength range (nm)	850 - 1700
Signal Direction	Left & Right LED	Power Supply	Rechargeable Lithium Battery USB C Type
Signal check range(dBm, CW/0.9mm)	-40~+10(1550nm) -30~+10(1310nm)	Charging Voltage (V) Charging Current (A) Charging Duration (H) Quiescent Current (μA)	5 ≤ 1.6 ≤ 3 ≤ 18
Probe Type: Motor Type: Display Screen:	InGaAs DC motor 1.77 inch TFT color screen	Battery Capacity Automatic Shutdown (min):	800mAh 10min

Light direction from right to left <<<<<<
 Light direction from left to right >>>>>>
 Light direction not checked X X X



Functional design



Red light source: Stable and strong beam concentration, effective cooperation with circuit detection

LED light: equipped with high-brightness flashlight function, no longer worry about whether the environment is dark when working at night



Red light source



LED lamp
Long press and hold the LED button to turn on the LED light



Open in the direction of the arrow