

VFI+Fiber Identifier

Product Drawing



Product Description

Optical fiber identification instrument with red light source is a kind of optical fiber maintenance Necessary tools for lossless optical fiber identification work,as well The red light source can be used to test the light transmission of the optical fiber line Any position of the mode fiber is detected.During maintenance and installation When wiring,it is often necessary to look for it without interrupting the work And separate a specific fiber by putting 1310nm at one end Or1550nm with modulation tone(270Hz, 1kHz,2KHz)The signal is sent into the optical fiber and identified on the line with a recognizer To the effective direction.

Product features

- The relative power is displayed by digital.
- There is no need to interrupt the light source during on-line test.
- Identify 270Hz,1kHz,2KHzmodulation signals.
- Operation mode:simple, quick and convenient.
- Battery power display function, can clear the state of power at any time.
- Four in one universal fixture,no need to replace during on-line test Clamp to ensure no damage to the fiber.

Application

Location of breakpoints and confirmation of fiber optic cable deployment during fiber optic cable construction.

Troubleshooting and repair of optical cables during maintenance.

Fiber optic performance testing and cable management.

Fiber identification and confirmation during the installation and debugging process of fiber optic communication equipment.

Technical Specifications

Product Parameters

Project	Technical indicators
Product name	VFI+Fiber Identifier
Type	parameter

Wavelength range	800-1700nm
Signal recognition type	CW,270Hz±5%,1kHz±5%2kHz±5%
Detector type	φ1mm InGaAs 2 pcs
Adaptive fiber type	General purposeφ0.25(bare fiber), φ0.9, φ2.0, φ3.0 optical fiber jumper
Signal direction	LED indicator light left and right direction indication
Optical power reading range	-40dBm~+10dBm
Signal frequency range	270Hz,1kHz,2kHz
Red light test wavelength	650nm±10nm
Red light output power	>10mW
Alkaline battery	2*AA 1.5V
Operating Temperature(°C)	-10~+60
Storage Temperature(°C)	-25~+70
Dimension(mm)	240X47X29
Weight(g)	180