

OFI-3 Optical Fiber Identifier

Description

OFI-3 Optical Fiber Identifier is a low cost, portable instrument designed to detect optical signals without disrupting traffic. Based on non-destructive macrobending technology, the OFI-3 doesn't disrupt traffic, damage or overstress the fiber, enabling efficient, accurate and reliable data acquisition. During maintenance, installations, rerouting or restorations, it's often necessary to isolate a specific fiber. By simply clamping the OFI-3 onto a fiber, the OFI-3 will indicate if there is a signal, a modulated signal, or traffic and show signal direction.



Part Number	Description
OFI-3	Optical Fiber Identifier

Features

- "One button meter", convenient and easy to use
- Detect a variety of optical tones, 270Hz, 1kHz and 2kHz
- Powered by 2 units of 1.5V AA alkaline batteries
- RB0.25mm, RB0.9mm, RB3.0mm plungers available
- Transmission direction indication
- Intensity display of optical signal
- Low battery indication
- Buzz indication function

Specification

Recognizable Wavelength Range	900 to 1650nm
Recognizable Signal Type	CW, 2kHz, 1kHz, 270Hz ± 5%
Detector Type	InGaAs 2pcs
Clamp Type	H0.9/0.25 for bare fibers; H3.0 for jacketed fiber
Sensitivity @1310nm	+11dB to -20 dBm (Continuous Wave); +11dB to -10 dBm (Modulated Signal)
Sensitivity @1550nm	+11dB to -30 dBm (Continuous Wave); +11dB to -18dBm (Modulated Signal)
LED Indicator	Signal traffic; signal frequency (2kHz/1kHz/270Hz); signal intensity (5 grades); low battery
Operating Temperature	-10 to +50°C
Storage Temperature	-20 to +70°C
Power Supply	1.5V AA batteries * 2pcs
Dimension (mm)	202L * 62W * 36H
Weight (g)	300

Standard accessories

2*batteries, 3*adapter heads (RB0.25mm, RB0.9mm and RB3.0mm), carrying bag, user manual, test report

Optional accessories

sun shield, RB2.0mm adapter head