

General Description:

The 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 will indicate if there is a signal, a modulated signal, or traffic and show signal direction.

Features:

- 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



Specifications:

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 ; H2.5 for jacketed fiber		
Sensitivity	@ 1310nm	+11dB to-20 dBm (Continuous Wave) ;	+11dB to-10 dBm (Modulated Signal)
	@ 1550nm	+11dB to-30 dBm (Continuous Wave) ;	+11dB to-18 dBm (Modulated Signal)
LED Indicator	signal traffic; signal frequency(2kHz/1kHz/270Hz); signal intensity (5 grades) ; low battery		
Operating temperature	-10 to+50 ℃		
Storage temperature	-20 to+70 ℃		
Power Supply	1.5V AA batteries*2pcs		
Dimension (mm)	202L*62W*36H		
Weight (g)	270		

Note: ^① Valid at 1550nm, CW, 23±3℃, Relative Humidity ≤70%, with an FC connector.

Ordering Information:

Standard Accessories:

Carrying bag, Manual, Battery, Two pieces of interchangeable adapter heads (clamps) for jacketed and coated fiber, Test Report