

General Description:

The Optical Fibre Identifier is a portable instrument designed to detect optical signals, without disrupting traffic.

Based on non-destructive macro bending technology, the OFI – 3 doesn't disrupt traffic, damage or overstress the fibre. It enables reliable and accurate identification of fibre's carrying traffic and tones injected to identify specific fibres.

It is often necessary to identify and isolate specific fibres, by simply clamping the OFI – 3 onto a fibre, the OFI – 3 will indicate if a signal, a modulated signal or traffic is present. Traffic direction will also be indicated.

The OFI – 3 Optical Fibre Identifier is suitable for both singlemode and multimode fibre's.



Features:

- Simple single button use
- Fits easily into your hand
- Detects optical tones of 270Hz, 1kHz & 2kHz.
- Changeable fibre adaptor heads 0.25mm, 0.9mm 0.2mm & 3.0mm fibres
- Traffic direction indication
- Intensity display of optical signal
- Low battery indicator

Specifications:

Recognisable Wavelength Range	900 to 1650nm
Recognisable Signal Type	CW, 270Hz, 1kHz & 2kHz ± 5%
Detector Type	InGaAs 2 pcs
Clamp Type	H0.25/0.9 for bare fibres; H2.0 & H3.0 for jacketed fibre
Sensitivity @ 1310nm	+11dB to -20dBm (Continuous wave) +11dB to -10dBm (Modulated wave)
Sensitivity @ 1550nm	+11dB to -30dBm (Continuous wave) +11dB to -18dBm (Modulated wave)
LED indicators	Signal traffic Signal traffic direction Signal frequency 270Hz, 1kHz & 2kHz Signal intensity (5 levels) Low battery
Power Supply	2 x AA Batteries
Operating Temperature	-10°C~+50°C <90%RH
Storage Temperature	-20°C~+70°C <90%RH
Accessories	User manual & Storage case
Dimensions	202mm L x 62mm W x 36mm H Weight : 300 gm

Standard Accessories : Carry case, 4 x heads for 0.25mm, 0.9mm, 2.0mm & 3.0mm fibres, User manual, 2 x AA batteries & Test Report

Optional Accessories : Sun Shield