

PRO Optical Fiber Identifiers

The PRO Optical Fiber Identifier is a rugged, easy-to-use installation and maintenance instrument which identifies optical fibers by detecting the optical signals being transmitted through a fiber. By utilizing local detection technology (non-destructive macro-bend detection which does not damage or overstress the fiber), the unit eliminates the need to open the fiber at the splice point for identification; eliminating the probability of interrupting service. The Optical Fiber Identifier detects low frequency tones at 270 Hz, 1000 Hz and 2000 Hz. When traffic is present on the fiber under test, an audible tone can be heard as well as the traffic direction indicated by LEDs illuminating on the probe.

PRO - OFI-11 Optical Fiber Identifier



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

Standard accessories:

- Optical Fiber Identifier
- Adapter Heads (3pcs)
- Battery
- User Manual
- Portable Bag

PRO - OFI-22 Optical Fiber Identifier



Features:

- Effectively identifies traffic direction and frequency tones (270Hz, 1kHz, 2kHz) without any damage to the fibers.
- Core Power display of the fibers (-48~+0Bm) at 0.9mm fiber.
- Very low loss (fiber attenuation) when testing is in process.
- Easily replaceable adapters; 0.25mm (250 micron), 0.9mm (900 micron), 2.0mm, 3.0mm to satisfy various optical cables.
- Easy-to-use one button operation

Standard Accessories:

Optical Fiber Identifier, 3 interchangeable adapter heads for jacketed, coated or ribbon fiber., Battery, User Manual, Portable Bag

Optional Accessories:

- 2.0mm Adapter Head
- 1.6mm Adapter Head

ORDERING INFORMATION

OFI-11	OFI-11 Optical Fiber Identifier	OFI-22C	OFI-22C Optical Fiber Identifier
OFI-21A	OFI-21A Optical Fiber Identifier	OFI-30	OFI-30 Optical Fiber Identifier
OFI-22	OFI-22 Optical Fiber Identifier		

SPECIFICATIONS

For full specifications see website

	OFI-22	OFI-11
Identified Wavelength Range	850 to 1700nm	900 to 1650nm
Identified Signal Type	CW, 270Hz ± 5%, 1kHz ± 5%, 2kHz ± 5%	CW, 270Hz±5%, 1kHz±5%, 2kHz±5%
Detector Type	InGaAs	InGaAs 2pcs
Adapter Type	0.25 (Applicable for 250um coated or ribbon fiber) 0.9 (Applicable for 900 buffered fiber) 2.0 (Applicable for 2.0mm jacketed or loose tube fiber) 3.0 (Applicable for 3.0mm jacketed or loose tube fiber)	0.25 (Applicable for "Bare" 250 micron fiber) 0.9 (Applicable for 900 micron fiber) 2.0 (Applicable for 2.0mm Cable) 3.0 (Applicable for 3.0mm Cable)
Signal Direction	Left & Right LED indicator	Left & Right LED indicator
Core Power Reading	5 to -40 dBm	
Typical Loss	<-0.6 dB @ 1310nm typical < 0.6 dB @ 1310nm typical	
Signal Frequency	270Hz, 1kHz, 2kHz	270Hz, 1kHz, 2kHz
Minimum Fiber Slack	0.75 inches required for detection	
Power Supply	One 9V Alkaline battery	1.5V AA batteries 2pcs
Operation	Approx. 8 hrs or 5000 readings	
Operating Temperature	-20~+50 °C	-10 to +50°C
Storage Temperature	-40~+60 °C	-20 to +70°C
Dimension (inches)	7.75L x 1.25W x 1H	202L x 62W x 36H