TEST EQUIPMENT

PR 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.

R - 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

PR - 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

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

For full specifications see website