

OFI-20A

Optical Fiber Identifier



OFI-20A can detect optical signal presence, type and direction anywhere on fibers during optical network deployment, maintenance and troubleshooting. With non-destructive macro-bend detection technology, it introduces no damage to tested fiber or interference to the service on fiber. OFI-20A is able to identify wide-spectrum signals (such as signals in CATV system) and can be used in SONET/SDH & DWDM systems tests.

Features

- ◆ Fiber types: 250 μ m, 900 μ m, 2mm/3mm jacketed fiber
- ◆ Non-destructive detection
- ◆ Indication of signal presence, strength and direction
- ◆ CW/MOD tones detection
- ◆ Buzzer indication
- ◆ Handheld & sturdy
- ◆ CE, FCC certificates



Specifications

| Model | OFI-20A |
|-----------------------------------|--|
| Wavelength | 800~1700nm |
| Detector Type | InGaAs |
| Signal Type | CW, 270Hz±5%, 1kHz±5%, 2kHz±5% |
| Display | Signal presence / strength / direction, MOD frequency, Low battery |
| Detect Sensitivity ⁽¹⁾ | ≥ -50dBm |
| Insertion Loss | H 0.25~H 0.9: 0.1dB; H 2.0~H 2.5: 0.5dB; H 2.5~H3.0: 1.0 dB |
| Fiber Type | 250μm bare fiber, 900μm/ 2mm/3mm jacketed fiber |
| Battery | 9V Alkaline Battery |
| Battery Life | ≥16 hours |
| Operating Temperature | -10 ~ 50°C |
| Storage Temperature | -25 ~70°C |
| Relative Humidity | 0 ~ 95% (Non-condensing) |
| Weight | 235g |
| Dimensions (H×W×T) | 196×35×30mm |

Note: (1) Typical value at 1310/1550nm

* Specifications subject to change without notice