## 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: $250 \mu \mathrm{~m}, 900 \mu \mathrm{~m}, 2 \mathrm{~mm} / 3 \mathrm{~mm}$ jacketed fiber
* Non-destructive detection

4 Indication of signal presence, strength and direction

- CW/MOD tones detection
* Buzzer indication
* Handheld \& sturdy
- CE, FCC certificates



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| Model | OFI－20A |
| :---: | :---: |
| Wavelength | $800 \sim 1700 \mathrm{~nm}$ |
| Detector Type | InGaAs |
| Signal Type | CW， $270 \mathrm{~Hz} \pm 5 \%, 1 \mathrm{kHz} \pm 5 \%, 2 \mathrm{kHz} \pm 5 \%$ |
| Display | Signal presence／strength／direction，MOD frequency，Low battery |
| Detect Sensitivity ${ }^{(1)}$ | $\geq-50 \mathrm{dBm}$ |
| 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 | $250 \mu \mathrm{~m}$ bare fiber， $900 \mu \mathrm{~m} / 2 \mathrm{~mm} / 3 \mathrm{~mm}$ jacketed fiber |
| Battery | 9 V Alkaline Battery |
| Battery Life | $\geq 16$ hours |
| Operating Temperature | $-10 \sim 50^{\circ} \mathrm{C}$ |
| Storage Temperature | $-25 \sim 70^{\circ} \mathrm{C}$ |
| Relative Humidity | 0～95\％（Non－condensing） |
| Weight | 235 g |
| Dimensions（ $\mathrm{H} \times \mathrm{W} \times \mathrm{T}$ ） | $196 \times 35 \times 30 \mathrm{~mm}$ |

Note：（1）Typical value at $1310 / 1550 \mathrm{~nm}$
＊Specifications subject to change without notice

