



Fiber Identifier

Overview

Fiber Identifier is a tool necessary for the maintenance of optical fibers, used to identify the optical fibers not yet damaged. It can detect anywhere in single-mode fiber and multiple-mode fiber. During the maintenance, installation, wiring and restoration of optical fibers, we usually need identify and isolate a specific fiber without interrupting our business. By transmitting the signals with modulation sound (270Hz, 1 kHz, 2kHz) into one end of fiber 1310nm or 1550nm, the identifier can identify the fiber from the route. Besides, Fiber Identifier can indicate the business direction.



Specifications

| | | |
|---|--|---------------------|
| Model | Fiber Identifier | |
| Range of identifiable wavelength (nm) | 800~1700 | |
| Type of probe | InGaAs | |
| Type of adapter (mm) | Φ0.25 (for bare fiber); Φ0.9, Φ2.0, Φ3.0 (for pigtail fiber) | |
| Modulation frequency (Hz) | CW, 270, 1K, 2K | |
| Signal direction indicator | Left/right LED indicator | |
| Signal direction testing range (dBm, CW/0.9mm bare fiber) | -46~10 (1310nm) | |
| | -50~10 (1550nm) | |
| Signal power testing range (dBm, CW/0.9mm bare fiber) | -50~10 | |
| Signal frequency indicator (Hz) | 270, 1K, 2K | |
| Frequency testing range (dBm, average value) | Φ0.9, Φ2.0, Φ3.0 | -30~0 (270Hz, 1KHz) |
| | | -25~0 (2KHz) |
| | Φ0.25 | -25~0 (270Hz, 1KHz) |
| | | -20~0 (2KHz) |
| Insertion loss (dB, typical value) | 0.8 (1310nm) | |
| | 2.5 (1550nm) | |
| Alkaline battery (V) | 3 (2 pcs. 1.5V 7# dry cells) | |
| Continuous working hours of battery (h) | 10 | |
| Working temperature (°C) | 0~+50 | |
| Storage temperature (°C) | -10~+70 | |
| Dimensions (mm) | 196*30*26 | |
| Weight (g) | 190g | |