

Optical Fiber Identifier Datasheet

OFI5001



OFI5001 optical fiber identifier can quickly identify the direction of transmitted fiber and display the relative core power without any damages to the bend fiber. When the traffic is present, the intermittently audible tone is activated.

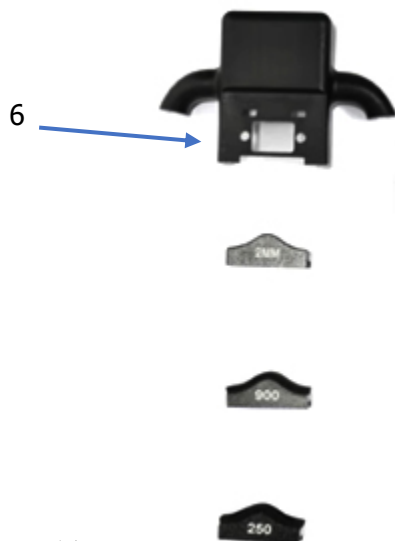
It also recognizes the modulation like, 270Hz, 1kHz and 2kHz. When they are used to detect the frequency, the continuously audible tone is activated. There are four adapter heads available: Ø0.25, Ø0.9, Ø2.0 and Ø3.0.

Features

- ◆ Efficiently identifies the traffic direction and frequency tone (270Hz, 1KHz, 2KHz) with audible warning
- ◆ More accurate test with Sunshade
- ◆ Easy-to-replace adaptors
- ◆ Optional Chinese/English display.

Product Annotation

- 1- Signal Power Indicator
- 2- Signal Direction Indicator
- 3- Changeable Adapter Heads
- 4- Battery Indicator
- 5- Signal Frequency Indicator
- 6- Sunshade



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Specifications

Technical Specifications

Identified Wavelength Range (nm)	800 to 1700
Identified Signal Type	CW, 270Hz±5%, 1kHz±5%, 2kHz±5%
Detector Type	Ø1mm InGaAs 2pcs
Adapter Type	Ø0.25 (Applicable for Bare Fiber), Ø0.9 (Applicable for Ø0.9 Cable), Ø2.0 (Applicable for Ø2.0 Cable), Ø3.0 (Applicable for Ø3.0 Cable)
Signal Direction	Left & Right LED
Signal Direction Test Range (dBm, CW/0.9mm bare fiber)	-46 to +10@1310nm -50 to +10@1550nm
Signal Power Test Range (dBm, CW/0.9mm bare fiber)	-50 to +10
Signal Frequency Display (Hz)	270, 1000, 2000
Frequency Test Range (dBm, Average Value)	-40 to +25
Insertion Loss (dB, Typical Value)	0.8@1310nm 2.5@1550nm
Alkaline Battery (V)	9
Operating Temperature (°C)	-10 to +60
Storage Temperature (°C)	-25 to +70
Dimension (mm)	196*30.5*27
Weight (g)	200

Packing Info

No.	Items	Quantity
1	OFI1001 Optical Fiber Identifier	1 pc
2	User Manual	1 pc
3	Soft Carrying Case	1 pc
4	Sunshade	1 pc
5	Alkaline Battery	1 pc
6	Adaptor Heads	4 pcs

