USER'S GUIDE

Optical Fiber Identifier

English

Overview

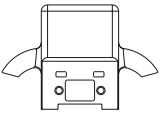
Optical Fiber Identifier can quickly identify the direction of transmitted fiber and display the relative core power without interrupting the current service. The fiber identifier recognizes modulation like, 270Hz, 1kHz and 2kHz with continuous audible tone.

There are four adapter heads available: Φ0.25, Φ0.9, Φ2.0 and Φ3.0. The optical fiber identifier is powered by a 9V alkaline battery.

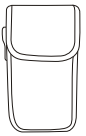
Standard Accessories

(Carefully check the accessories after opening the box. If it is missing, please contact your dealer as soon as possible)

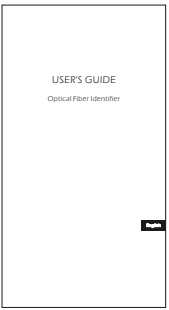
Host



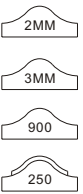
Sunshade



Carrying Bag

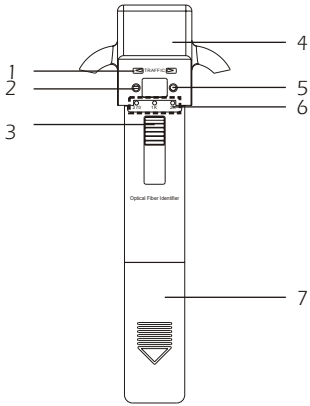


User's guide



Adapter Head

Description



1-Direction Indicator
2-Relative Core Power
3-Clamp Button
4-Sunshade
5-Battery Level Indicator
6-Frequency Indicator
7-Battery Cover

Features

1. Portable, compact size and easy-to-use.

2. Efficiently identify the traffic direction and frequency tone(270Hz, 1KHz, 2KHz) without any damage of the fiber.

3. Core Power display of the tested fiber.

4. Low bending loss and high efficient output.

5. Easy to replace adapters(Φ 0.25, Φ0.9, Φ2.0, Φ3.0).

Function Description

(1) Clamp

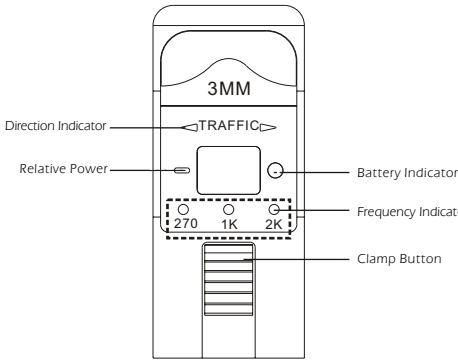
Clamp and hold the fiber in a suitable location.

(2) Clamp Pushing Button

Push the button up and press downward to fix the adapter head. Press the button again to loosen the adapter head.

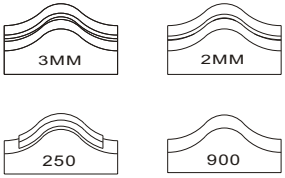
(3) LED indicator

The LED indicator to show the signal direction, modulation and battery level.

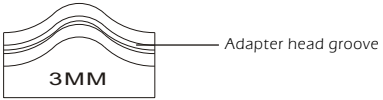


Selecting Adapter

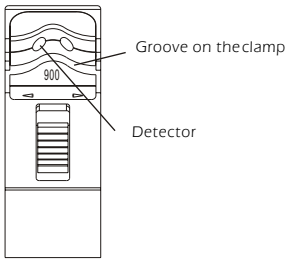
1. Select the appropriate adapter head to the different type of fiber.



2. Insert the fiber to the adapter head when using the Φ2.0 and Φ3.0 connectors.

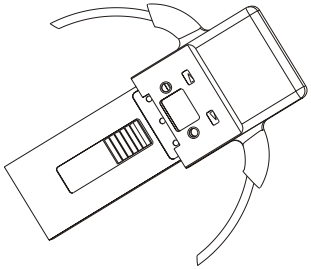


3. Insert the fiber to the groove on the clamp when using the Φ900 and Φ250 connector.

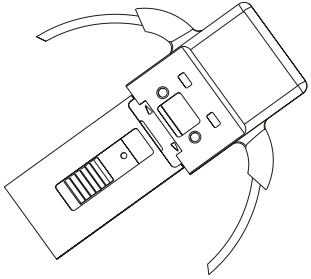


Clamp and loosen

1. Please insert the fiber into the adapter head and then push the "Clamp pushing button" up to clamp the fiber and test it."



2. Please push forward slightly to loosen the adapter head.



On/Off

1. Push up the "Clamp pushing button" to turn on the unit.
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2. Loosen the "Clamp pushing button" to turn off the unit.

Optical Fiber Identification

1. Insert the fiber to the adapter head, push the button up to lock clamp and cover sunshade.

2. When optical signal with frequency tone passes the fiber, the direction LED illuminator will indicate the traffic's direction and the relative frequency LED will indicate with intermittently audible tone and relative core power will be also displayed in digital format. Such as the measuring reference of 1550nm, it will display the power integer from +10dB to -52dB. When power is over than 10dB, it shows "HI". While the power is lower than -52dB, it shows "LO".

3. If no optical signal passes the fiber, the LED illuminator is dead and the "LO" will be displayed in digital format.

Battery Power Indication

1. When the LED indicator is green, the battery power is full.
2. When the LED indicator is yellow green, then the power is low but the instrument can still work and test result is still reliable.
3. When the LED indicator is red, the power is too low and the instrument cannot work properly and you have to replace the battery.
4. When the LED indicator is red, the software will shut down the function of display and audible tone except power indicator.

Maintenance

1. The fiber should be put in the groove according to the specific type.
2. Please use the cotton swabs to clean the detector surface regularly to keep it from dust.
3. Please take out the battery when it is not in use for a period of time.