AOE TECH CO.,LTD

Optical Fiber identifier(光纤识别仪)

1、General

Optical Fiber Identifier is an essential installation and maintenance instrument. By inserting the fiber into its adapter head, it can identify both Single mode and Multi mode optical fiber without any damage by detecting the optical signals being transmitted through them so as to avoid the opening of the fiber at the splice point for identification and thus avoids the interruption of the service. It is a perfect tool for the optical fiber solution.

2、Specification

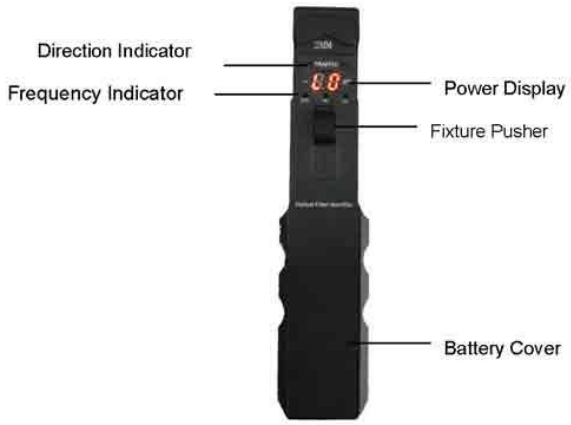
Identified wavelength range（nm）	900～1650
Identified signal Type	CW、270HZ、1KHZ、2KHZ
Detector Type	1mm InGaAs PIN
Adapter Type	Ø 0.25 bare fiber Ø 0.9/2.0/3.0 pigtail
Signal Direction	Left & Right LED
Signal frequency	270Hz, 1KHz, 2KHz
Operating Temperature（℃）	－0~+50
Storage Temperature（℃）	－10~+70
Battery	9V
Dimension（mm）	195*30*27

3、Components

1. Optical Fiber Identifier----------1pcs
2. User Manual----------1book
3. battery----------1pcs
4. Adapter----------4pcs

4、Function Direction

4.1 Panel Board



1.2 Feature

1. Efficient identify the optical fiber direction and frequency(270Hz, 1 KHz, 2 KHz) without any interruption;
2. Easy and convenient operation with a single keystroke;
3. Provide corresponding adapter head for bare fiber、Pigtail etc;
4. identify two kind of common signal frequency 270Hz, 1KHz, 2KHz;
5. display the power size and signal strength in optical fiber;
6. 9V battery、Low power、small size、convenient for operation;
7. clarify and brevity LED indicator light;

4.3 Function Direction

1) Fixture Button

Push this button to clamping fiber tight, hold or release.

2) Indicator light

There are optical signal tramsmission direction indicator light,signal strength indicator light and transmission frequecncy indicator light,as shown below,

5、Usage Direction

5.1 Adapter head

you can choose and match the right adapter head according to different bare fiber or optical pigtail type:

3.0 adapter

2.0 adapter

0.9 adapter

Bare fiber adaper

5.2 clamp or release fixture

1. Please push up fixture button to clamp optical fiber,then press the front of fixture button,push down fixture button to make it minor rotation,to lock and hold the clamping head.

Optical fiber clamping status

Opitcal fiber release status

2. when you release the optical fiber,please slightly push button forward,then press the rear of button,the fixture tool will release optical fiber automatically.

5.3 Switch On/Off

1. Push button forward, the identifier will be switched on automatically.
2. Release the fixture button,it will be switched off automatically.

5.4 Optical fiber identifier

1. Put fiber into the trench,push button forward to lock fiber tightly.

2. If there is signal in optical fiber,the left and right light will show the direction of signal,the signal light will show the strength.
3. If there is no signal,the signal light will shows the weakest signal and the direction light will flash to left or right,if no fibers,the direction light will flash to left or right as well.
4. If the signal frequency is 2KHz,1KHz,270Hz,the related light will shine,and accompanied by buzzer echo(when the signal is too weak,It will not identify correctly).

5. Change fixture

1. Along with trench to slightly push the adapter head to left or right,to remove the current adapter head.
2. choose the corresponding adapter head with fiber.
3. Slightly push adapter head along with trench,untill it will be matched completely.