



TELTRAN FT-454 Optical Fiber Identifier with Visual Fault Locator Instructions

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p.n. OPBB00006

Optical Fiber Identifier with Visual Fault Locator



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Product Profile

Optical fiber identification instrument with red light source is a kind of optical fiber maintenance Necessary tools for lossless optical fiber identification work, as well The red light source can be used to test the light transmission of the optical fiber line Any position of the mode fiber is detected. During maintenance and installation When wiring, it is often necessary to look for it without interrupting the work And separate a specific fiber by putting 1310nm at one end Or 1550nm with modulation tone (270Hz, 1kHz, 2KHz) The signal is sent into the optical fiber and identified on the line with a recognizer To the effective direction.

Product features

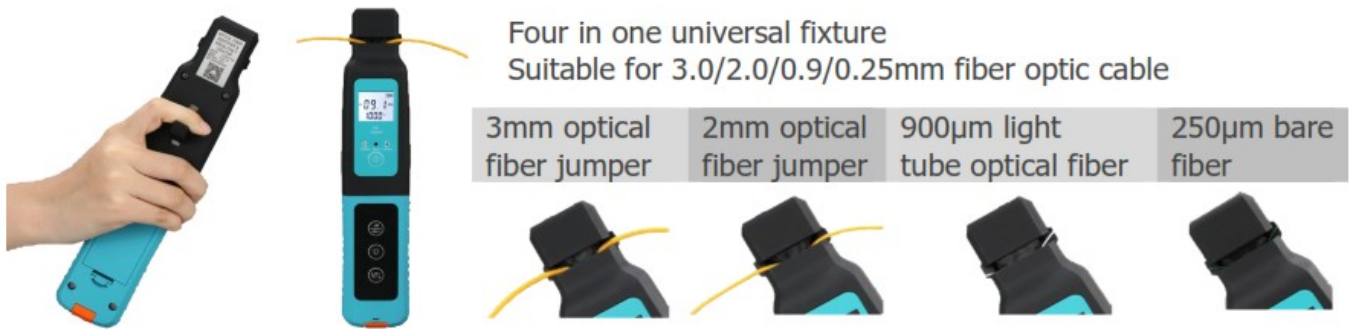
1. The relative power is displayed by digital
2. There is no need to interrupt the light source during on-line test
3. Identify 270Hz, 1kHz, 2KHz modulation signals
4. Operation mode: simple, quick and convenient
5. Battery power display function, can clear the state of power at any time
6. Four in one universal fixture, no need to replace during on-line test Clamp to ensure no damage to the fiber.

Product list



OPTICAL FIBER IDENTIFIER & VISUAL FAULT LOCATOR	1PCS
5 batteries (2)	1PCS
Nylon hard package	1PCS
instructions	1PCS
Product certificate	1PCS

Technical parameter

Type	Parameter
Wavelength range	800-1700nm
Signal recognition type	CW, 270Hz \pm 5%, 1kHz \pm 5%, 2kHz \pm 5%
Detector type	Ø1mm In GaAs 2 pcs
Adaptive fiber type	General purpose Ø0.25 (bare fiber), Ø 0.9, Ø 2.0, Ø 3.0 optical fiber jumper
Signal direction	LED indicator light left and right direction indication
Optical power reading range	-40dBm ~ +10dBm
Signal frequency range	270Hz,1kHz,2kHz
Red light test wavelength	650nm \pm 10nm
Red light output power	>10mW
Alkaline battery	2×AA 1.5V
Operating Temperature(°C)	-10 ~ +60
Storage Temperature(°C)	-25 ~ +70
Dimension(mm)	240×47×29
Weight(g)	80



Instructions

1.  Power on button to turn on/ off the power supply of the device.
2. Put the fiber into the adapter slot and tighten the snap down.
3. When the light signal passes through the optical fiber, the LED indicator will light up It shows the direction of the light source and also shows the relative power on the display screen.
4. If there is no light signal passing through the fiber, the LED will be on and the lo will be displayed.
5. It can also detect 2KHz, 1kHz and 270Hz modulation tone.
6. Press the VFL key to turn on the red light source switch. Press the key again, the switch will be between on 1Hz flashing and off.
7.  Backlight switch/ off.
8. Db / DBM key to switch between dB and DBM.
9. After 10 minutes of timeout, there is no key response, and the device will shut down automatically.
10. Automatically disconnect the power supply and prolong the battery life.



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Technical support *2023

Documents / Resources

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