

FIBER IDENTIFIER

OVERVIEW & FEATURES

Fiber Optic Identifier is an essential tool for fiber maintenance, It can be tested in any places of single-mode fiber.

Used for lossless fiber identification through one side by putting 1310nm or 1550nm with a modulation tone at one end(270Hz,1KHz,2KHz) signal into the fiber, with the identification device.

Indicate the direction of business on the identify line.

- Digital display relative power
- Online testing without interruption of business
- Identify 270Hz,1KHz,2KHz modulation signal
- Push to talk mode of operation, simple and convenient
- With Light hood to provide the most accurate test results
- Use 9V batteries, low power consumption small size
- The battery charge indicates when battery is low power;
- A variety of adaptors, mechanical damping designs to ensure that no damage to the fiber



USE INSTRUCTION

Recognize the fiber
Push Clamp button



- Select the appropriate adaptor head according to the different types of fiber
- Insert the fiber to the adapter head, push the button up to lock clamp and cover sunshade
- Select the appropriate adaptor head according to the different types of fiber
- When optical signal passes the fiber, the LED illuminator will indicate the traffic's direction with intermittently audible tone and the relative core power will be also displayed in digital format.
- If no optical signal passes the fiber, the LED illuminator is dead and the "LO" will be displayed in the relative core power position.
- Fiber identifier can also detect the presence of 2Khz,1Khz and 270Hz

SPECIFICATION

Type	Optical Fiber Identifier	
Identified Wavelength Range	800-1700nm	
Identified Signal Type	CW,270Hz±5% , 1kHz±5%,2kHz±5%	
Detector Type	φ1mm InGaAs 2pcs	
Adapter Type	φ0.25(Applicable for Bare Fiber)	
	φ0.9(Applicable for φ0.9Cable)	
	φ2.0(Applicable for φ2.0Cable)	
	φ3.0(Applicable for φ3.0Cable)	
Signal Direction	Left & Right LED	
Signal Direction Test Range (dBm, CW/0.9mm bare fiber)	-46~10(1310nm)	
	-50~10(1550nm)	
Signal Frequency Display(Hz)	270,1k,2k	
Frequency Test Range (dBm, Average Value)	φ2.0 , φ3.0	-30~0(270Hz,1KHz)
		-25~0(2KHz)
	φ0.25/φ0.9	-25~0(1KHz,2KHz)
		-20~0(2KHz)
Insertion loss(dB, typical value)	0.8(1310nm)	
	2.5(1550nm)	
Alkaline Battery(V)	9	
Operating Temperature(°C)	-10~+60	
Storage Temperature(°C)	-25~+70	
Dimension(mm)	196X30.5X27	
Weight(g)	200	