TOOL AND TEST

Optical Fiber Identifier

OVERVIEW

Optical Fiber Identifier can quickly identify the direction of transmitted fiber and display the relative core power without anydamages to the bended fiber.
When the traffic is present,the intermittently audible tone is activated.

FEATURES

- Easy-to-use with “ONE KEY” operation.
- Efficiently identifies the traffic direction and frequency tone (270Hz, 1KHz, 2KHz) with audible warning.
- Displays the relative core power
- More accurate test with Sunshade
- Easy-to-replace adapters
- Durable metal housing and quality construction
- Lower power indication

APPLICATIONS

- Telecommunications engineering maintenance
- CATV engineering maintenance
- DDN engineering maintenance
- Optical communication teaching and research
- Others project

PRODUCT SPECIFICATION

Identified Wavelength Range	800-1700 nm
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
Singe Direction Test Range (dBm, CW/0.9mm bare fiber)	-46~10(1310nm) -50~10(1550nm)
Signal Power Test Range (dBm, CW/0.9mm bare fiber)	-50~+10
Signal Frequency Display (Hz)	270, 1k, 2k
Frequency Test Range (dBm, Average Value)	Ø0.9, Ø2.0, Ø3.0 -30~0 (270Hz,1KHz) -25~0 (2KHz) Ø0.25 -25~0 (270Hz,1KHz) -20~0 (2KHz)
Insertion Loss(dB, Typical Value)	0.8 (1310nm) 2.5 (1550nm)
Alkaline Battery(V)	9
Operating Temperature(℃)	-10°C -+ 60°C
Storage Temperature(℃)	-25°C -+ 70°C

ORDER INFOMATION

PRODUCT	PART NUMBER
Optical Fiber Identifier	TT-OFI

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