DW-OFI Optical Fiber Identifier

Our Optical Fiber Identifier can quickly identify the direction of transmitted fiber and display the relative core power without any damages to the bend fiber. When the traffic is present, the intermittently audible tone is activated.
This optical fiber identifier also recognizes the modulation like 270Hz, 1kHz and 2kHz. When they are used to detect the frequency, the continuously audible tone is activated. There are four adapter heads available: Ø0.25, Ø0.9, Ø2.0 and Ø3.0. This optical fiber identifier is powered by a 9V alkaline battery.

1. 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 adaptors
* Durable metal housing and quality construction
* Lower power indication

2. Specifications

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－+60	
Storage Temperature(℃)	-25－+70	
Dimension (mm)	196x30.5x27	
Weight (g)	200	