



Fiber Identifier

Overview

Fiber Identifier is a tool necessary for the maintenance of optical fibers, used to identify the optical fibers not yet damaged. It can detect anywhere in single-mode fiber and multiple-mode fiber. During the maintenance, installation, wiring and restoration of optical fibers, we usually need identify and isolate a specific fiber without interrupting our business. By transmitting the signals with modulation sound (270Hz, 1 kHz, 2kHz) into one end of fiber 1310nm or 1550nm, the identifier can identify the fiber from the route. Besides, Fiber Identifier can indicate the business direction.



Specifications

Model	Fiber Identifier	
Range of identifiable wavelength (nm)	800~1700	
Type of probe	InGaAs	
Type of adapter (mm)	Φ0.25 (for bare fiber); Φ0.9, Φ2.0, Φ3.0 (for pigtail fiber)	
Modulation frequency (Hz)	CW, 270, 1K, 2K	
Signal direction indicator	Left/right LED indicator	
Signal direction testing range (dBm, CW/0.9mm bare fiber)	-46~10 (1310nm)	
	-50~10 (1550nm)	
Signal power testing range (dBm, CW/0.9mm bare fiber)	-50~10	
Signal frequency indicator (Hz)	270, 1K, 2K	
Frequency testing range (dBm, average value)	Φ0.9, Φ2.0, Φ3.0	-30~0 (270Hz, 1KHz)
		-25~0 (2KHz)
	Φ0.25	-25~0 (270Hz, 1KHz)
		-20~0 (2KHz)
Insertion loss (dB, typical value)	0.8 (1310nm)	
	2.5 (1550nm)	
Alkaline battery (V)	3 (2 pcs. 1.5V 7# dry cells)	
Continuous working hours of battery (h)	10	
Working temperature (°C)	0~+50	
Storage temperature (°C)	-10~+70	
Dimensions (mm)	196*30*26	
Weight (g)	190g	