

Overviews

HD4106A Optical Fiber Identifier can quickly identify the direction of transmitted fiber and display the relative core power without any damages to the bended fiber. When the traffic is present, the intermittently audible tone is activated. The HD4106A 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. The HD4106A optical fiber identifier is powered by a 9V alkaline battery.

Feature

- 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. Easy-to-replace adaptors.
- More accurate test with Sunshade. Lower power indication.
- Durable metal housing and quality construction.



Specification

Type	HD4106A	
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	
Single 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 (1KHz, 2KHz)
		-20~0 (2KHz)
Insertion Loss(dB, Typical Value)	0.8 (1310nm)	
	2.5 (1550nm)	

HD4106A

Handheld Optical Fiber Identifier



DATASHEET/JAN 2018 Test Equipment

Alkaline Battery(V)	9
Operating Temperature(°C)	-10—+60
Storage Temperature(°C)	-25—+70
Dimension (mm)	196X30.5X27
Weight (g)	200

Order Information

Product	Item	Description
OFI	HD4106A	Chinese Fiber Optic Identifier , A type



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