

HSV-200 Optical Fiber Identifier

Description

HSV-200 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 HSV-200 optical fiber identifier also recognize 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: $\varnothing 0.25$, $\varnothing 0.9$, $\varnothing 2.0$ and $\varnothing 3.0$. The HSV-200 optical fiber identifier is powered by a 9V alkaline battery.

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

Specifications

Type	HSV-200	
Identified Wavelength Range	800-1700 nm	
Identified Signal Type	CW, 270Hz \pm 5%, 1kHz \pm 5%, 2kHz \pm 5%	
Detector Type	$\varnothing 1$ mm InGaAs 2pcs	
Adapter Type	$\varnothing 0.25$ (Applicable for Bare Fiber), $\varnothing 0.9$ (Applicable for $\varnothing 0.9$ Cable) $\varnothing 2.0$ (Applicable for $\varnothing 2.0$ Cable), $\varnothing 3.0$ (Applicable for $\varnothing 3.0$ Cable)	
Signal Direction	Left & Right LED	
Single Direction Test Range (dBm, CW/ $\varnothing 0.9$ mm bare fiber)	-46~10(1310nm)	
	-50~10(1550nm)	
Signal Power Test Range (dBm, CW/ $\varnothing 0.9$ mm bare fiber)	-50~+10	
Signal Frequency Display (Hz)	270, 1k, 2k	
Frequency Test Range (dBm, Average Value)	$\varnothing 0.9$, $\varnothing 2.0$, $\varnothing 3.0$	-30~0 (270Hz, 1KHz)
		-25~0 (2KHz)
		-25~0 (270Hz, 1KHz)

	∅0.25	-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	