



## Optical Fiber Identifier

SP-OFI36B



Shenzhen SPEEDWOLF Technology Co., Ltd.

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## Overview

SP-OFI36B 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 SP-OFI36B 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 SP-OFI36B optical fiber identifier is powered by a 9V alkaline battery.

## Product 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



## Applications

- Maintenance Telecom
- Maintenance CATV
- Test Lab of Fiber Optic
- Optical fiber sensors

### Technical Parameters

Type	SP-OFI36B	
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 (270Hz,1KHz)
		-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	

### Order Information

Model	Kit Include
SP-OFI36B	SP-OFI36B Optical Fiber Identifier, 4pcs adapter heads, Sunshade, Alkaline battery, User Manual, Cotton Stick and Soft Carrying case.

### Important Notice

Performance figures, data and any illustrative material provided in this data sheet are typical and must be specifically confirmed in writing by SPEEDWOLF before they become applicable to any particular order or contract. In accordance with the SPEEDWOLF policy of continuous improvement specifications may change without notice.

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