

# FIBER IDENTIFIER

Universal Adapter Fits All Fiber Cable Sizes



## INTRODUCTION

The FiberFox Optical Fiber Identifier is suitable for 250um, 900um, 2mm, and 3mm fiber using the universal adaptor; no need to replace the clamp block. It also has a built-in 10mW VFL function.

## FEATURES

### -- Macrobanding Measurement

Macrobanding is the attenuation associated with bending of optical fiber that causes light to “leak out” of the fiber. The light leakage is detected by the fiber identifier in direction and intensity. The fiber cable is not damaged and signal communication is not interrupted.

### -- Tone Identification

Optical Fiber Identifier can detect optical signals in the tone signal at a fixed frequency of 270Hz, 1KHz and 2KHz.

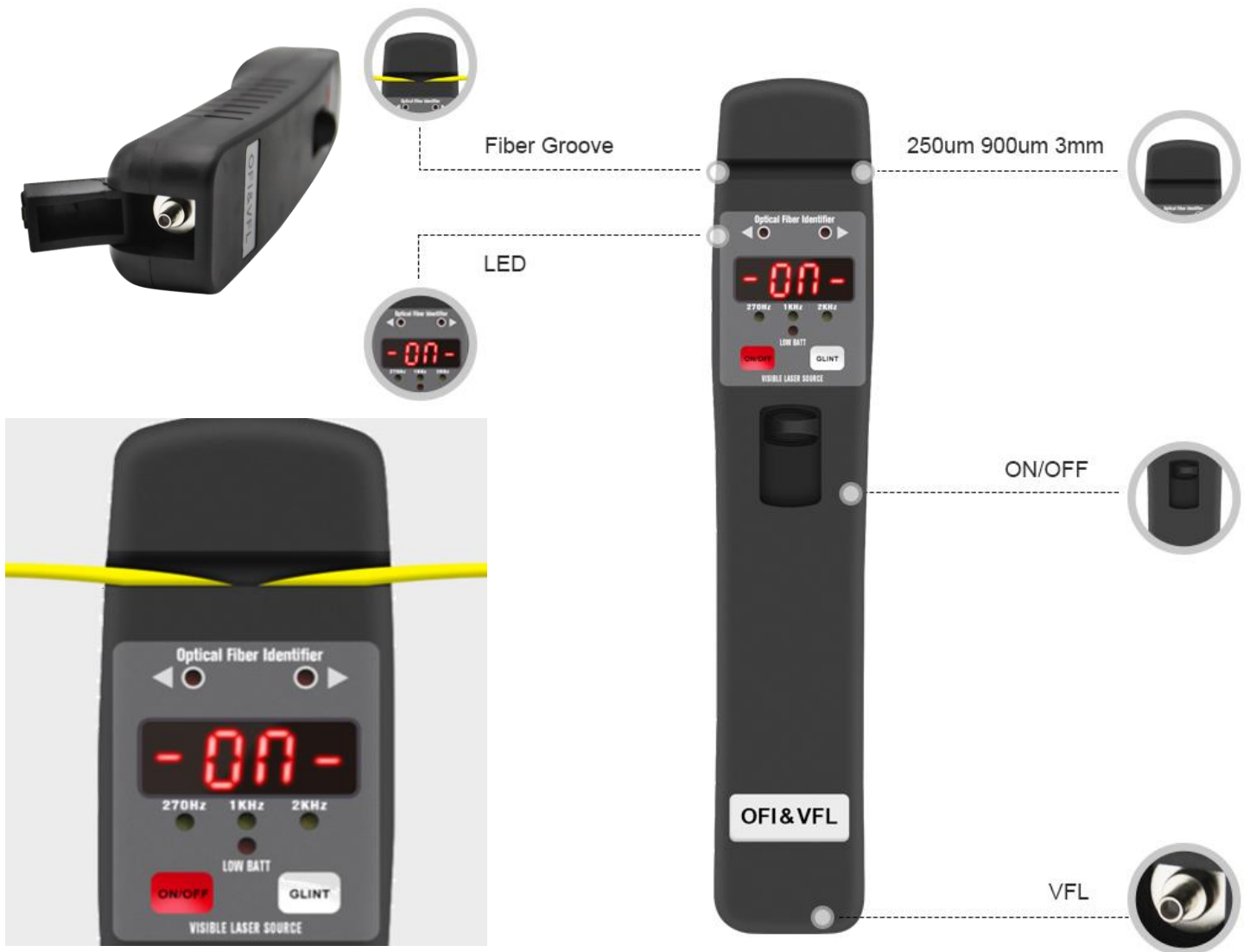
### -- Build in VFL Function

The output power of Optical Fiber Identifier is 10 mW.

### -- Low Battery Monitoring Function

When battery power is insufficient, the low battery LED will remind users to change batteries.

# STRUCTURE



# ORDERING INFORMATION

Part Number	Description
OFI	Optical Fiber Identifier for 250um, 900um, 2mm, and 3mm fiber cable. Also includes built in 10mW VFL. User's manual, calibration certificate, and soft case includes in packaging.

# SPECIFICATIONS

Fiber Identifier Function (Basic)		
Wave Respond	800nm~1700nm	
Pass Through Insertion Loss	250um fiber	1.0dB
	900um fiber	1.0dB
	3mm fiber	2.0dB
Application Fiber	250um/900um/2mm/3mm optical fiber	
Identified Signal Type	270Hz/1KHz/2KHz	
Identification of Modulated Signals	YES	
Power Measurement	YES	
Display	LED segment	
Tone	YES	
Low Power Monitoring	YES	
Detector Type	1mm InGaAs	
<b>Minimum Detection Power</b>		
<b>Test Conditions:</b>	<b>1550nm</b>	
250umOptical fiber	-35dBm	
900umOptical fiber	-35dBm	
3mmOptical fiber	-30dBm	
<b>Test Conditions:</b>	<b>1310nm</b>	
250umOptical fiber	-30dBm	
900umOptical fiber	-30dBm	
3mmOptical fiber	-25dBm	
VFL Function (Standard)		
Wavelength	650nm±10nm	
VFL Output Power	10mw	
Mode	CW, 1Hz, 2Hz	
Fiber Type	SM/MM	
Adapter	2.5MM Universal	
General Parameters		
Power Supply	2*AA 1.5V Alkaline Battery	
Battery Working Time	≥ 5000 times of measurements	
Working Temperature	-10°C ~ +50°C	
Storage Temperature	-20°C ~ +70°C	
Dimension	230mm x 43mm x 36mm	
Weight	200g	

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