

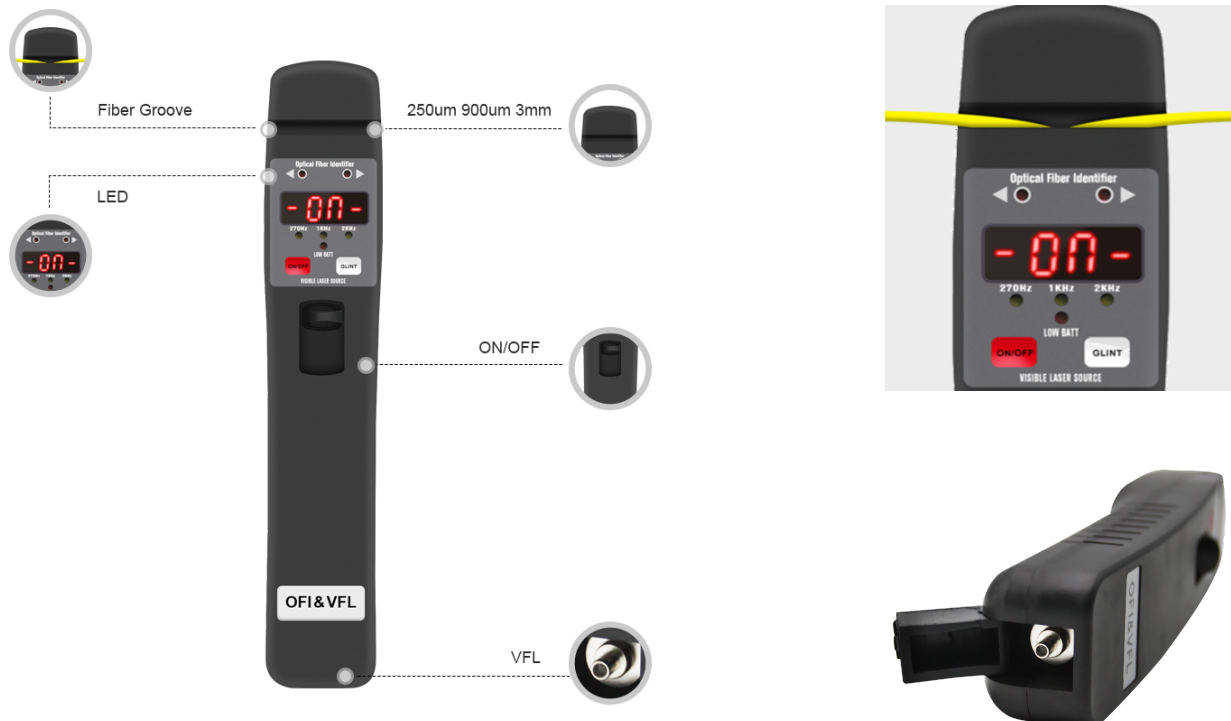
OPTICAL FIBER IDENTIFIER

The Optix America optical fiber identifier is suitable for detecting live fiber for 250um, 900um, 2mm, and 3mm fiber. The universal adaptor accommodates all cable diameters with no need to replace the block clamp. It also has a built-in 10mW VFL function.



Features

- Detects attenuation associated with macrobending measurement, the attenuation associated with the 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.
- Detects Tone Identification by detecting optical signals in the tone signal at a fixed frequency of 270Hz, 1KHz and 2KHz.
- Built-in VFL Function with output power of 10 mW.
- Low Battery Monitoring Function signals when to change the batteries
- Includes soft case and two AA batteries



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	
Minimum Detection Power		
Test Conditions:	1550nm	
250umOptical fiber	-35dBm	
900umOptical fiber	-35dBm	
3mmOptical fiber	-30dBm	
Test Conditions:	1310nm	
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 (1.25MM adaptor included)	
General Parameters		
Power Supply	2*AA 1.5V Alkaline Battery	
Battery Working Time	≥ 5000 times of measurements	
Working Temperature	-10℃ ~ +50℃	
Storage Temperature	-20℃ ~ +70℃	
Dimension	230mm x 43mm x 36mm	
Weight	200g	

Ordering Information

Part Number	Description
OFI-28	Optical Fiber Identifier for 250um, 900um, 2mm, and 3mm fiber cable. Also includes built-in 10mW VFL. User's manual, calibration certificate, soft case, and batteries included in packaging.