

The Optix Fiber Identifier is suitable for 250um, 900um, 2mm, and 3mm fiber using the universal adaptor 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

250um fiber	Specifications			
250um fiber	Fiber Identifier Function (Bas	sic)		
Pass Through Insertion Loss 900um fiber 1.0dB 3mm fiber 2.0dB	Wave Respond	800nm~1700nm		
Application Fiber 2.0dB Application Fiber 250um/900um/2mm/3mm optical fiber 1 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 1550nm 250umOptical fiber 35dBm 30umOptical fiber 35dBm 30umOptical fiber 30dBm 30umOptical fiber 30dBm 40umOptical fiber 30dBm 30umOptical fiber 30dBm 40umOptical fiber		250um fiber	1.0dB	
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 356Bm 3900umOptical fiber 30dBm 300umOptical fiber 30dBm 3mmOptical fiber 30dBm 450umOptical fiber 30dBm 450umOptical fiber 30dBm 450umOptical fiber 30dBm 47Est Conditions: 1310nm 450umOptical fiber 30dBm 47Est Conditions: 1310nm 47Est Co	Pass Through Insertion Loss	900um fiber	1.0dB	
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 Imm InGaAs Minimum Detection Power Test Conditions: 1550nm 250umOptical fiber -35dBm 30mmOptical fiber -35dBm 30mmOptical fiber -30dBm 40mmOptical fiber -30dBm		3mm fiber	2.0dB	
Identification of Modulated Signals Identification of Modulated Signals Power Measurement VES Display LED segment Tone YES Low Power Monitoring YES Detector Type Imm InGaAs Minimum Detection Power Test Conditions: 1550nm 250umOptical fiber -35dBm 900umOptical fiber -30dBm 3mmOptical fiber -30dBm 900umOptical fiber -25dBm VFL Function (Standard) Wavelength Wavelength Geonm±10nm VFL Qutput 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 -10T ~ +50T Storage Temperature -20T ~ +70°T Dimension 230mm x 43mm x 36mm	Application Fiber	250um/900um/2mm/3mm optical fiber		
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Tone YES Low Power Monitoring YES Detector Type 1mm InGaAs Minimum Detection Power Test Conditions: 1550nm 250umOptical fiber 35dBm 900umOptical fiber -30dBm 3mmOptical fiber 30dBm 3mmOptical fiber -30dBm 250umOptical fiber 30dBm 3mmOptical fiber -30dBm 3mmOptical fiber -30dBm 900umOptical fiber -30dBm 3mmOptical fiber -30dBm 900umOptical fiber -30dBm 90vFL 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 -10t ~+50t Storage Temperature -20t ~+70t Dimension 230mm x 43mm x 36mm	Power Measurement	YES		
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1550nm 250umOptical fiber 35dBm 35dBm 30umOptical fiber 35dBm 30mmOptical fiber 30dBm 310nm 30dBm 30umOptical fiber 30dBm 30umOptical fiber 30dBm	Detector Type	1mm InGaAs		
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900umOptical fiber 3mmOptical fiber 3mmOptical fiber 3mmOptical fiber 33dBm 3110nm 250umOptical fiber 30dBm 40dBm 30dBm 40dBm	Test Conditions:			
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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°C ~ +50°C Storage Temperature -20°C ~ +70°C Dimension 230mm x 43mm x 36mm	900umOptical fiber	-35dBm		
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-30dBm -25dBm WFL 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 Battery Working Time Working Temperature Storage Temperature -20℃ ~ +70℃ Dimension -30dBm -25dBm -30dBm -25dBm -30dBm -25dBm -30dBm -25dBm -30dBm -25dBm -40m -25dBm -20m±10nm -25dBm -25dBm -25dBm -20m±10nm -25dBm	Test Conditions:	1310nm		
## Provided Higher Parameters Power Supply	250umOptical fiber	-30dBm		
VFL Function (Standard)Wavelength $650 \text{nm} \pm 10 \text{nm}$ VFL Output Power 10mw Mode CW , $1Hz$, $2Hz$ Fiber Type SM/MM Adapter $2.5MM$ Universal ($1.25MM$ adaptor included)General ParametersPower Supply $2*AA 1.5V$ Alkaline BatteryBattery Working Time ≥ 5000 times of measurementsWorking Temperature $-10\% \sim +50\%$ Storage Temperature $-20\% \sim +70\%$ Dimension $230 \text{mm} \times 43 \text{mm} \times 36 \text{mm}$	900umOptical fiber	-30dBm		
Wavelength 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° t Storage Temperature -20° ~ +70° t Dimension 230mm x 43mm x 36mm	3mmOptical fiber	-25dBm		
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 -10t ~ +50t Storage Temperature -20t ~ +70t Dimension 230mm x 43mm x 36mm	VFL Function (Standard)			
ModeCW, 1Hz, 2HzFiber TypeSM/MMAdapter2.5MM Universal (1.25MM adaptor included)General ParametersPower Supply $2*AA 1.5V$ Alkaline BatteryBattery Working Time ≥ 5000 times of measurementsWorking Temperature $-10^{\circ} C + 50^{\circ} C$ Storage Temperature $-20^{\circ} C - +70^{\circ} C$ Dimension $230 \text{mm} \times 43 \text{mm} \times 36 \text{mm}$	Wavelength	650nm±10nm		
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 $-10^{\circ} \sim +50^{\circ} \circlearrowleft$ Storage Temperature $-20^{\circ} \sim +70^{\circ} \circlearrowleft$ Dimension 230mm x 43mm x 36mm	VFL Output Power	10mw		
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° $\sim +50^{\circ}$ Storage Temperature -20° $\sim +70^{\circ}$ Dimension 230mm x 43mm x 36mm	Mode			
General Parameters Power Supply $2*AA 1.5V$ Alkaline Battery Battery Working Time ≥ 5000 times of measurements Working Temperature $-10 \degree \sim +50 \degree$ Storage Temperature $-20 \degree \sim +70 \degree$ Dimension $230 \text{mm} \times 43 \text{mm} \times 36 \text{mm}$	Fiber Type	SM/MM		
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Battery Working Time≥ 5000 times of measurementsWorking Temperature -10° ~ $+50^{\circ}$ Storage Temperature -20° ~ $+70^{\circ}$ Dimension230mm x 43mm x 36mm	General Parameters			
Working Temperature -10° ~ $+50^{\circ}$ Storage Temperature -20° ~ $+70^{\circ}$ Dimension 230 mm x 43 mm x 36 mm	Power Supply	2*AA 1.5V Alkaline Battery		
Storage Temperature -20°C ~ +70°C Dimension 230mm x 43mm x 36mm	Battery Working Time	≥ 5000 times of measurements		
Dimension 230mm x 43mm x 36mm	Working Temperature	-10℃ ~ +50℃	-10℃ ~ + 5 0℃	
	Storage Temperature	-20℃ ~ +70℃		
Weight 200g	Dimension	230mm x 43mm x 36mm		
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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, soft case, and batteries included in packaging.