

Optical Fiber Identifier

Optical Fiber Identifier is an important tool for optical maintenance, which is used for nondestructive fiber identification project. Meanwhile it also has Visual Fault Locator module with fault location function.

Using the macro bending technology on line for nondestructive testing, Optical Fiber Identifier can measure the signal direction and power and avoid misoperation resulting in interrupted lines.

---Macro bending measurement. Macro bends are the use of fiber-optic bending leak out when the weak optical signal, optical signal to detect the direction and intensity. Does not damage optical fiber, without interrupting communications, and direct detection of 25mm bare fiber, 0.9mm and 2.5mm fiber casing tight jumper.

---Tone identification, Optical Fiber Identifier can detect optical signals in the tone signal a fixed load, 270Hz, 1KHz and 2KHz, to identify a specific optical fiber, can quickly find the necessary fiber.

---Build in VFL function. The output power of Optical Fiber Identifier is 10 mW.
(Optional function)

---Low battery monitoring function, when battery power is insufficient , the Low battery LED will remind users to change batteries.

Wave respond	800nm-1700nm
Pass through insertion loss:	
1. 250umOptical fiber	1. 1.0dB
2. 900umOptical fiber	2. 1.0dB
3. 3mmOptical fiber	3. 2.0dB
Application of optical fiber	250um/900um/2.5um/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:	1550
250umOptical fiber	-35dBm
900umOptical fiber	-35dBm
3mmOptical fiber	-30dBm
Test conditions:	1310
250umOptical fiber	-30dBm
900umOptical fiber	-30dBm
3mmOptical fiber	-25dBm

Specifications of VFL (Optional)	
Wavelength:	650nm±10nm
Output Power:	10 mW
Fiber Port:	FC/PC
Power supply:	2*AA 1.5V Alkaline Battery
Operation Temperature:	-10°C to +50°C
Storage Temperature:	-20°C to +70°C
Outline size	230*43*36mm
weight	200g