

## Optical Fiber Identifier

MT-7901

MT-7901 optical fiber identifier can perform live fiber identification and detection without no damage to fibers, MT-7901 can detect optical signals without disrupting traffic.

### Features

- Indicates the signal direction in fiber
- Detect a variety of optical tones, 270Hz, 1kHz and 2kHz;
- Suitable for 0.25, 0.9, 2.0, 3.0mm fiber, and no need to replace the clamp block, more convenient than others

### Specifications



Sensitivity	250um fiber@1550nm=-35dBm	Power Supply	AA Alkaline Cell or Ni-Mh Cell
	900um fiber@1550nm=-35dBm	Frequency Identify	270Hz/1KHz/2KHz
	2.5mm fiber@1550nm=-30dBm	Fiber Type	Dia. 250um/900um/2.5mm/3mm SM fiber
Max. Input	+5dBm	Sound	Yes
Wave Respond	800nm~1700nm	Fiber Press	<100KPSI
Clamp Loss	<2.5db Typical	Auto Power Off	Yes

## Visual Fault Locator

up to 50 mW

Visual fault locators are a quick and easy tool for locating fiber problems points, performing continuity tests and for fiber identification. The visual fault locator sends a red laser beam that makes any light escaping point glow red, and its power glow is enough to locate damages from up to 40 km.



#### Warning

Laser beam with power level  $\geq 1$  mW can cause eye injury. In case of direct eye exposure Class II and Class II are recommended.

### Visual Fault Locator Models

Model	VFL-1X	VFL-5X	VFL-10X	VFL-20X	VFL-30X	VFL-50X
Output Power Level	1 mW	5 mW	10 mW	20 mW	30 mW	50 mW
Maximum Range	$\leq 5$ km	$\geq 5$ km	$\geq 10$ km	$\geq 20$ km	$\geq 30$ km	$\geq 40$ km
Wavelength	650nm					
Laser Mode	LD					
Pulse Frequency	2Hz to 3Hz / 9Hz					
Fiber Compatibility	Single Mode / Multi-Mode					
Connector	2.5 mm universal connector for FC/SC/ST adapters (LC adapter is available)					
Laser Safety Rating	Class III A			Class III B		
Product Number	MT08700	MT08699	MT08701	MT13398	MT13399	MT13400

## Optical Power Meter

MT-7803 / MT-7802

This fiber optic power meter has two variants for single mode and multi-mode fibers with different wavelengths. It is ideal for fiber optic network installation and maintenance.

### Features

- Built-in optic isolator, larger and more stable
- Supports SC/PC connectors
- LCD display with Backlight
- Encodes each wavelength with a unique WavelD code
- 3 detection modulations 270Hz, 1KHz, 2KHz
- User friendly with easy Operation and wavelength switch
- Works with DC 5v power or AA batteries



### Specifications

Wavelength	1310/1490/1550nm±10nm (MT-7803) 850/1300nm±10nm (MT-7802)	Output Power	>-5 dBm (MT-7803) >-10 dBm (MT-7802)
Power Stability	±0.05dB / 1hr ; ±0.1dB / 8hrs	Storage temperature	-20~+70°C; <90%RH
Optic connector	SC/PC	Operating temperature	-10~+60°C; <90%RH
Modulation	270 Hz, 1kHz, 2 kHz	Power source	2 x 1.5V AA batteries (not included)
Auto power off	10 minutes (could be reset)	Dimension	165 × 80 × 35 mm
Battery Charge	Yes, using 5V DC power jack	Weight	280 g
		package	Color box

## Multi-Function Test Device

MT-7602

MT-7602 test device can be used as an optical power meter, fiber optic visual fault locator, fiber cable tester and a flashlight.

### Optical Power Meter Features

- Wide range of power measurement from 850nm to 1625nm
- Multiple mode:850nm/1300nm/
- Single mode:1310nm/1490nm/1550nm/1625nm
- Power measurements in dBm,mW and uM
- Supports 2.5mm universal connectors (for ST/SC/FC)

### Visual Fault Locator Features

- Easy to locate the breakpoint and bad connections
- Supports 2.5mm universal connectors (for ST/SC/FC)
- Both continuous and flashing modes available

### Fiber Cable Tester Features

- Pin to pin cable map indicator (1~8 LEDs)
- Tests two types of connectors(RJ-11&RJ-45)
- The maximum length measurement: 600M



### LED Flash Light Features

- Convenient for working in a dark environment
- Features 2 modes for long illumination and SOS signal