

## TM-OFI 401L OPTICAL FIBER IDENTIFIER

**COMCAST** GROUP



## Introduction

TM-OFI 401L Optical Fiber Identifier Suitable for 0.25mm, 0.9mm, 3.0mm fiber, and no need to replace the clamp block, more convenient than others;

## Features

---**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.

## Specification

<b>Wave respond</b>	800nm-1700nm
<b>Pass through insertion loss:</b> 1. 250umOptical fiber 2. 900umOptical fiber 3. 3mmOptical fiber	1. 1.0dB 2. 1.0dB 3. 2.0dB
<b>Application of optical fiber</b>	250um/900um/2.5um/3mm Optical fiber
<b>Identified Signal Type</b>	270HZ/1KHZ/2KHZ
<b>Identification of modulated signals</b>	Yes
<b>Power Measurement</b>	Yes
<b>Display</b>	LED segment
<b>Tone</b>	Yes
<b>Low power monitoring</b>	Yes
<b>Detector type</b>	1mm InGaAs
<b>Minimum detection power</b> Test conditions: 250umOptical fiber 900umOptical fiber 3mmOptical fiber Test conditions: 250umOptical fiber 900umOptical fiber 3mmOptical fiber	1550 -35dBm -35dBm -30dBm 1310  -30dBm -30dBm -25dBm
<b>Specifications of VFL (Optional)</b>	
<b>Wavelength:</b>	650nm±10nm
<b>Output Power:</b>	10 mW
<b>Fiber Port:</b>	FC/PC
<b>Power supply:</b>	2*AA 1.5V Alkaline Battery
<b>Operation Temperature:</b>	-10°C to +50°C
<b>Storage Temperature:</b>	-20°C to +70°C
<b>Outline size</b>	230*43*36mm
<b>weight</b>	200g

Detailed Picture



# HIGH PRECISION FIBER OPTIC IDENTIFIER



# Packing List



Standard	User's manual	1
	Calibration certification	1
	Black bag	1
Optional	Visual fault locator	1

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