

Visual Fault Locator (VFL)



The Visual Fault Locator (VFL) is a visible light source that helps you Trace optical fibers, check fiber continuity, and find faults such as breaks, bad splicers, and tight bends in fiber optic cable.

650nm Visual fault locator with 2.5 mm universal adapter



KEY FEATURES

- Visual Fault Locator is used for locating broken point in fibers
- Visual Fault Locator is equipped with a 650-nm visible laser diode, can be operated in continuous or pulse modes for clear noticeable results
- One green LED indicator shows the operating mode
- Power switch on the end for battery on / off
- Push button operate CW / Mod. (2.5 Hz frequency) / pause
- Clip pocket-size pen design
- Protective cap for extra protection
- Low Battery Indicator: The Status LED will turn to red when batteries are low

Technical Specifications

Part Number	OSA-VFL-250	OSA-VFL-125	OSA-VFL-1000
Central Wavelength	650 +/- 10 nm	650 +/- 10 nm	650 +/- 10 nm
Output Power	>0.5mW into Single-mode fiber	>0.5mW into Single-mode fiber	10mW into Single-mode fiber
Spectral Width	< 10 nm	< 10 nm	< 8 nm
Transmission	CW or 2.5 Hz pulse	CW or 2.5 Hz pulse	CW or 2.5 Hz pulse
Batteries	2 x AAA Alkaline batteries	2 x AAA Alkaline batteries	2 x AAA Alkaline batteries
Operating Temp.	0 - 50 °C	0 - 50 °C	0 - 50 °C
Detection Distance	< 6 Km	< 6 Km	< 10 Km
Dimension / Weight	13.5 mm X 170 mm / 88 g	13.5 mm X 170 mm / 88 g	13.5 mm X 170 mm / 88 g
Light Source	Class 3A laser diode	Class 3A laser diode	Class IIb laser diode
Suit for	φ2.5 mm Ferrule	Φ1.25 mm Ferrule	φ2.5 mm Ferrule

Technical Specifications (VISUAL FAULT LOCATOR ADAPTOR)

Part Number	OSA-VFL-ADP
Feature	• Visual Fault Locator Adaptor Convert φ2.5 to φ1.25 mm Ferrule • The Adaptor Can Screw Lock with VFL-250 (φ2.5 mm Locator) To Use on φ1.25 mm Ferrule Test.
Central Wavelength	φ13.4 mm x 22.9 mm
Weight	10 g



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