

FFL-050 Specifications

Dimensions	11.4cm x 3.5cm x 2.0cm
Weight	46g with 2 AAA batteries
Fiber Compatibility	Single-mode, Multimode
Wavelength	650nm (visible)
Laser Safety Rating	Class II
Output Power	1.0mW max
Output Modes	Continuous and flashing
Range	<ul style="list-style-type: none">> 7km single-mode> 5km multimode
Connector Interface	<ul style="list-style-type: none">Universal 2.5mm (fixed)Universal 1.25mm adapter (sold separately)
Controls	<ul style="list-style-type: none">ON/OFFContinuous/Flashing
Battery Type	2 x AAA
Battery Life	30+ hours on Continuous
Carrying Case	Soft-sided w/ belt loop
Safety	1992, EN 61010-2, CE
Warranty	1 year

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ZP-PKG-0477
REV 500



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Visual Fault
Locator

User Manual

Pocket-sized tool for fiber
troubleshooting & verification

Visual Fault Locator

Overview

Viavi's pocket-sized FFL-050 is compact and ergonomically designed for comfortable handling and portability. It is equipped with a 2.5mm interface, compatible with connectors such as SC, ST, and FC, while the 1.25mm adapter (sold separately) enables connection to LC and MU connectors. The VFL emits a bright beam of red laser light (Class II), and as the light escapes from the damaged fiber, the illumination is easily visible from a distance. The CONTINUOUS/FLASH control button allows the option for continuous or flashing illumination.



CAUTION!

- **Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous laser light exposure.**
- **Never look directly into the VFL laser output.**
- **Cover the VFL with the dust cap when not in use.**
- **Do not magnify or otherwise modify the laser output.**



Operating Procedures

1. Pull off the rubber dust cap and attach a 2.5mm connector (or use the 1.25mm adapter to attach a 1.25mm connector) to the connector input on top of the unit.
2. Turn the VFL ON by pushing the **ON/OFF** button (the red POWER LED will illuminate).
3. If there is damage to the fiber, the cable will glow RED at the exact location of the damage/ break. For easier identification, push the **CONTINUOUS/FLASH** button to activate the flashing mode (the red power LED will begin to flash). Push the **CONTINUOUS/FLASH** button again to return to continuous mode.
4. When finished, be sure to turn the unit **OFF** to conserve battery life. RED ILLUMINATION

