

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 <i>(sold separately)</i>
Controls	<ul style="list-style-type: none"> ▪ ON/OFF ▪ Continuous/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 2

VISUAL FAULT LOCATOR

Pocket-sized tool for fiber troubleshooting & verification

USER MANUAL



VISUAL FAULT LOCATOR

OVERVIEW

JDSU's pocket-sized VFL (**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 indicating fiber damage/bend