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	▪ > 7km single-mode ▪ > 5km multimode
Connector Interface	▪ Universal 2.5mm (fixed) ▪ Universal 1.25mm adapter *(sold separately)*
Controls	▪ 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

Test and Measurement Regional Sales

ZP-PKG-0477
REV 2

NORTH AMERICA
TEL: 1 866 228 3762
FAX: 1 301 353 9216

LATIN AMERICA
TEL: +55 11 5503 3800
FAX: +55 11 5505 1598

ASIA PACIFIC
TEL: +852 2892 0990
FAX: +852 2892 0770

EMEA
TEL: +49 7121 86 2222
FAX: +49 7181 86 1222

VISUAL FAULT LOCATOR

Pocket-sized tool for fiber troubleshooting & verification

USER MANUAL

JDSU

JDSU

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.

LASER LIGHT
DO NOT STARE INTO BEAM OR VIEW
DIRECTLY WITH OPTICAL INSTRUMENTS
1 mW @ λ 630 - 670nm
IEC CLASS 2M LASER PRODUCT
CDRH CLASS II LASER PRODUCT

DUST CAP

UNIV. 2.5mm INTERFACE

ON/OFF BUTTON

CONTINUOUS/ FLASH ILLUMINATION BUTTON

POWER ON INDICATOR

BATTERY COMPARTMENT (BACK)

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