Viavi Solutions offers two unique versions of the VFL that are economically priced and ergonomically designed for comfortable handling and portability. Both versions are equipped with a 2.5 mm interface and are compatible with connectors such as SC, ST, and FC, while the 1.25 mm adapter enables connection to LC and MU connectors. The VFL emits a bright red laser beam (Class II), making the light escaping from the damaged fiber easily visible from a distance. The Continuous/Flash control button lets operators choose between continuous or flashing illumination.

## Specifications

|  | FFL-050 (Pocket-sized) | FFL-100 (Ruggedized) |
|---|---|---|
| Dimensions | 11.4 x 3.5 x 2.0 cm (4.5 x 1.4 x 0.8 in) | 22.0 x 3.5 x 3.0 cm (8.7 x 1.4 x 1.2 in) |
| Weight | 46 g (1.6 oz) with two AAA batteries | 150 g (5.3 oz) with two AA batteries |
| Fiber Compatibility | Single-mode, Multimode ||
| Wavelength | 650 nm (visible) ||
| Laser Safety Rating | Class II ||
| Output Power | 1.0 mW max ||
| Output Modes | Continuous and flashing ||
| Range | > 7 km single-mode > 5 km multimode | > 7.5 km single-mode > 5 km multimode |
| Connector Interface | Universal 2.5 mm (fixed) Universal 1.25 mm adapter (sold separately) | Universal 2.5 mm (fixed) Universal 1.25 mm adapter (included) |
| Controls | ON/OFF Continuous/Flashing ||
| Battery Type | Two AAA ||
| Battery Life | 30+ hours on continuous | 80+ hours on continuous |
| Carrying Case | Soft-sided with belt loop ||
| Safety | 1992, EN 61010-2, CE ||
| Warranty | 1 year ||

**Key Benefits**
- Easy-to-use
- Quickly and easily locate damage in optical fiber
- Continuous and Flashing illumination modes
- Economically priced
- Ruggedized and designed for demanding field use
- Long-lasting battery life
- Protective rubber end cap

**Key Features**
- Compact, ergonomic design for ultimate portability
- Visible wavelength is 650 nm
- High powered laser (1 mW) for single-mode (> 7 km) and multimode (> 5 km) connectors
- Continuous or Flash illumination
- Universal connector interface for quick and easy connection
- 2.5 mm connector input (1.25 mm adapter available)
- Includes soft-sided carrying case with belt loop

**Applications**
- Locate sharp bends, breaks, and damages in fiber
- Conduct end-to-end continuity tests
- Perform fiber tracing and identification

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| Title | Visual Fault Finder - Mini 2.5mm - SM-MM |
|---|---|
| Part Number | 93-100-969 |

Notes
1. Unless otherwise specified all dimensions are nominal
2. All specifications are subject to change without notice at any time
3. Dimensions are in millimeters