

## Application

Visual Fault Locators (VFL) are designed to couple visible light into multimode and singlemode optical fibers by using a bright red fiber optic laser.

Breaks, microbends, and other anomalies in optical fibers and connectors cause the intense bright red laser light to escape, thus revealing the presence of a fault.

## Key Features

- Compact and reliable unit
- Competitively priced
- Pocket-size pen design
- 650nm visible laser diode
- Continuous or pulse modes for clear noticeable results
- Push button to select CW / Pulse (2.5 Hz / pause)
- Green LED indicator shows the operating mode
- Power switch for battery on / off



## Specifications

Model	VFL-125	VFL-250	VFL-1000
Central Wavelength	650 ±10 nm		
Output Power	1mW into single mode fiber		10mW into single mode fiber
Connector Type	universal 1.25mm	universal 2.5mm	universal 2.5mm
Transmission	CW or 2.5hz pulse		
Batteries	2 x AAA Alkaline		
Operating Temp	0 - 50°C		
Detection Distance	up to 6 Km		up to 18 Km
Dimensions / Weight	13.5mm diameter x 170mm / 88gm		
Light Source	Class 3A Laser Diode	Class 3A Laser Diode	Class 3B Laser Diode

## Ordering Details

VFL-125	1mW Visual Fault Locator - 1.25mm
VFL-250	1mW Visual Fault Locator - 2.5mm
VFL-1000	10mW Visual Fault Locator - 2.5mm
VFL-LCADAPT	Screw on adaptor to allow 1.25mm "LC" ferrule on VFL-250 & VFL-1000

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