

Visual Fault Locator (VFL)

The Simon Visual Fault Locator (VFL) is an essential tool for testing cable continuity and locating visual faults. By emitting a laser beam of red light, the VFL quickly illuminates fiber breaks, damaged connectors, defective splices and tight fiber bends. Continuous or flashing mode identifies a fault or indicates the other end of the fiber for verifying continuity. The VFL features an integrated 2.5mm adapter for easy connection to SC, ST and FC connectors and an optional 1.25mm universal adapter for connection to LC and MU connectors.

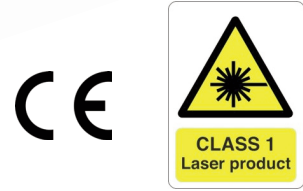


FEATURES

- Laser Class 1 (IEC 60825 2011), 0.5mW output power, 650nm range wavelength
- Pulsed and CW (continuous steady) operation modes
- Compatible with 2.5mm and 1.25mm connector ferrules
- Contact Style VFL
- 2 X AAA Batteries
- 40 hours of operation

OPTICAL COMMUNICATION TEST APPLICATIONS

- Fiber identification
- Fiber continuity testing
- Connection polarity testing
- Precise optical fault location
- Cable route location



1.25mm Universal Connector Adapter – VFL with the optional 1.25mm universal connector adapter allows use with LC and MU connectors



Handheld Pen Design – Small and ergonomically designed for fast and easy testing of connectors

Ordering Information

Parameters	Value
Wavelength	650 ±5nm
Power output	0.5mW
Operation mode	CW (Continuous steady) & Pulsed (2-3 Hz)
Distance	< 5km (16404 ft)
Connector	2.5mm (1.25mm adapter is available)
Retention force for ferrule	1-2 N (0.22 - 0.45 lbf)
Type	Contact VFL
Laser protection class	Class 1 IEC 60825-2011
Laser products-Performance standards for light-emitting products	CFR 21 Part 1040.10 (USA)
Operating temperature	-10 to +45 °C (14 to +113°F)
Storage temperature	-40 to +70 °C (-40 to +158°F)
Relative humidity	95%
Alignment sleeves	Ceramic
Power	2 AAA alkaline batteries (included)
Battery life, pulsed	≥ 40 hours
Weight	83g including batteries
Size	18mm x 160mm (0.71 x 6.29 in.)

Part # **Description**
 FT-VFL-P-A VFL Pen, 2.5mm universal connector adapter for SC, ST and FC



FT-VFL-P-A

Part # **Description**
 FT-VFL-ADPT-A 2.5mm to 1.25mm universal connector adapter for LC and MU



FT-VFL-ADPT-A

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