

Visual Fault Locator (VFL)

The Siemon 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.

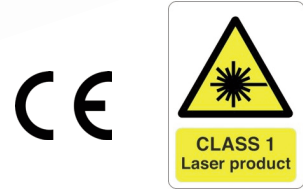


FEATURES

- Laser Class 1 (IEC 60825 2011), 0.5mW output power, 650µm 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

**Worldwide Headquarters
 North America**
 Watertown, CT USA
 Phone (1) 860 945 4200 US
 Phone (1) 888 425 6165

**Regional Headquarters
 EMEA**
 Europe/Middle East/Africa
 Surrey, England
 Phone (44) 0 1932 571771

**Regional Headquarters
 Asia/Pacific**
 Shanghai, P.R. China
 Phone (86) 21 5385 0303

**Regional Headquarters
 Latin America**
 Bogota, Colombia
 Phone (571) 657 1950

**Siemon Interconnect
 Solutions**
 Watertown, CT USA
 Phone (1) 860 945 4213 US
 www.siemon.com/SIS

SIS_SS_VFL_Pen_A 3/16

© 2016 Siemon