

DATA SHEET

Visual Fault Locator

Features

- Universal adapter (choose 1.25mm or 2.50mm)
- High Power easy to see red laser light
- Continuous or pulsing mode
- Compact pen-shape size
- Uses standard AAA batteries (included)
- Robust metal housing and protective end cap
- Includes carrying case
- Low-battery indicator
- Power on indicator

Benefits

- Easy identification of broken fibers
- Identify broken splices
- Identify cables routed with over bending conditions
- 1.25mm and 2.50mm versions available for standard connector types

Applications

- Test and Turn-up
- DWDM systems
- Optical Transport
- DataCom and Telecom networks



Visual fault locators can help you find broken fibers or splices, and over bending of routed cables.

Connected Fibers stocks 1.25mm and 2.50mm visual fault locators. Simply plug in your connector and a bright red laser will be emitted from any broken fiber or splice or even through the jacket of a cable that may be installed with an over bending situation. Every fiber optic technician should have this tool in their kit for the field or in the lab.



Performance Specifications

Part Number	VFL-250 (2.50mm)	VFL-125 (1.25mm)
Dimension (VFL body)	170mm x 13mm Dia.	170mm x 13mm Dia.
Dimension (Case)	190mm x 62mm x 25mm	190mm x 62mm x 25mm
Weight	88 grams (with batteries)	88 grams (with batteries)
Laser Source	Class 3A laser diode, 650nm	Class 3A laser diode, 650nm
Output Power	>0.5mW(-3dBm) into Singlemode fiber	>0.5mW(-3dBm) into Singlemode fiber
Fiber Compatibility	Multimode and Singlemode	Multimode and Singlemode
Connector Type	2.5mm SC, ST, FC (UPC and APC)	1.25mm LC, MU (UPC and APC)
Operating Temperature	0 to 40 Deg C	0 to 40 Deg C
Storage Temperature	-20 to 60 Deg C	-20 to 60 Deg C
Humidity	Non-condensing 0 to 95% RH	Non-condensing 0 to 95% RH
Battery Type and Life	Two 1.5V AAA Alkaline, 40 hours	Two 1.5V AAA Alkaline, 40 hours
Low-Battery Indicator	LED side indicator turns to red	LED side-indicator turns to red

Ordering Guide

VFL-125, For LC and MU Connectors and Adapters
VFL-250, For SC, ST, and FC Connectors and Adapters

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