

Datasheet

Visual Fault Locator

160-VFL-125/250/1000 Series

- Pen Type
- <5mW, <10mW, <50mW versions
- Universal ceramic connector
- For Ø 1,25 and Ø 2,5 mm. ferrules
- Conversion adapter for Ø 2,5 to Ø 1,25 mm.



Product Description

This pen style VFL is specially designed for field personnel who need a portable light source tool for fiber tracing, fiber routing, continuity testing, to locate breakpoints (bending or cracking in fiber optic cables), and poor connections. The 160-VFL-XXX series works on all single fiber connectors depending on choice of type and accessories. Conversion adapters are also available. The VFL works in an OTDR dead zone and is used for end-to-end visual fiber identification. Operates in either CW (continuous wave) or pulsed mode.

Visual Fault Locator Includes: VFL, 2 AAA Batteries in a card box.

VFL-125/250/1000 Series

Model	VFL-125 & VFL-250	VFL-125-10 & VFL-250-10	VFL-1000
Output Power ⁽¹⁾	<5 mW	<10 mW	<50 mW
Laser Classifications	Class 3A	Class 3B	Class 3B
Wavelength	650nm ± 10nm		
Optical connector ⁽²⁾	Universal 1.25 mm or 2.5mm Adapter		
Modulation Frequency	CW or Pulsed		

Note:

1. The output is determined using multi-mode optical fiber at 23°C±3°C
2. 1.25mm Adapter can be customized. Or 1.25 to 2.5 hybrid adapter optional

General Specifications	
Operating Temperature	-10 ° C ~ 50 ° C
Storage Temperature	-20 ° C ~ 70 ° C
Power Supply	2xAAA Batteries
Safety	Double Activation
Dimensions	Ø 13,4 x 170mm.



Ordering Information

Model	Ordering Number
VFL-125	160-VFL-125
VFL-125-10	160-VFL-125-10
VFL-250	160-VFL-250
VFL-250-10	160-VFL-250-10
VFL-1000	160-VFL-1000
Adapter for Ø 2,5mm to Ø 1,25mm	160-VFL-Adapter