

Datasheet

Visual Fault Locator 160-VFL-135 Series

- Ultra thin portable design
- Built-in white LED flashlight
- 1 mW and 10 mW versions
- 30 mW version is adjustable in 3 steps
- Universal ceramic connector, replaceable
- Build-in rechargeable Lithium battery
- USB C charger port



Product Description

This flat VFL is specially designed for field personnel who need a portable laser light source tool for fiber tracing, fiber routing, continuity testing, to locate breakpoints (bending or cracking in fiber optic cables), and poor connections. 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.

VFL-135 series

Model	VFL-135-01	VFL-135-10	VFL-135-30
Output Power ⁽¹⁾⁽²⁾	1 mW	10 mW	1/10/30 mW (Adjustable)
Detecting Range ⁽³⁾	About 5 km	About 12 km	About 15 km
Laser Classifications	Class 2	Class 3R	Class 3R
Wavelength ⁽⁴⁾	650nm ± 10nm		
Optical connector ⁽⁵⁾	Universal 2.5mm Adapter		
Modulation Frequency	CW / 2Hz / 5 Hz		
Illuminating	LED white light		

Note:

1. The output is determined using multi-mode optical fiber at 23°C±3°C
2. The output power can be customized (30mW Maximum)
3. Detecting range will be different with different fibers and links.
4. 532nm (Green Light) or other wavelength can be customized
5. 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	Lithium Battery
Charging Interface	USB Type C
Dimensions	132 mm * 35mm * 14.5 mm



Ordering Information

Model	Ordering Number
VFL-135-01	160-VFL-135-01
VFL-135-10	160-VFL-135-10
VFL-135-30	160-VFL-135-30
Adapter 2.5mm-1.25mm	160-VFL-135-U125
Adapter SC	160-VFL-135-SC
Adapter LC	160-VFL-135-LC

OMISOLUTIONS