

## Pen-type Visual Fault Locator

**MODEL: VFL-650-2**



### Product Overview

This Pen-type VFL is specially designed for field personnel who need an efficient and economical tool for fiber tracing, fiber routing and continuity checking in optical networks. It finds breakpoints, poor connections, bending or cracking in fiber optic cables; and it can find faults in an OTDR dead zone and is used for end-to-end visual fiber identification.

### Applications

- Maintenance in telecom , CATV
- Test Lab of optical fibers fiber routing and continuity checking in optical networks.
- Other fiber optic measurements

### Features

- 2.5mm universal connector, for 1.25mm connectors, FC (Male)-LC. (Female) convertor can be provided on request
- Operates either in CW or Pulsed mode with constant output power
- Low battery warning
- Long battery life (up to 60 hours)
- Drop-resistand and dust-proof design of laser head
- Portable and rugged
- Easy to use

### Technical Specifications

Model	VFL-650-2
Central wavelength	650nm±10nm
Emitter type	FP-LD (Perot laser diode)
Output power	Optional choice for 5mw, 10mw,20mw,30mw
Optical connector	2.5mm universal connector, for 1.25mm connectors, FC (Male)-LC. (Female) convertor can be provided on request
Operating model	Both CW and Pulse available
Pulse frequency	3Hz to 9Hz
Power supply	2AA alkaline batteries
Operating temperature	-20°C to 60°C
Storage temperature	-40°C to 85°C
Dimension	Φ23 X 190
Weight	110g (without battery)

### Standard Packages – Pen-type Visual Fault Locator

Model	Includes
Packing information	Main unit, 2pcs Alkaline battery, User Manual, Cotton swabs and Soft Carrying case.

### Order Information

MODEL	SPECIFICATION
VFL-650-2-5	Output power: 5mw, Laser range: ≥5KM
VFL-650-2-10	Output power: 10mw, Laser range: ≥10KM
VFL-650-2-20	Output power: 20mw, Laser range: ≥20KM

Due to continuous improvement, all products specifications are subject to change without further notice. Contact us for custom requirements. E-mail: [Sales@zhtelecomm.com](mailto:Sales@zhtelecomm.com) Website: [www.zhtelecomm.com](http://www.zhtelecomm.com)  
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