

## VFL-650-4 Long Distance VFL

**MODEL: VFL-650-4**



### Product Overview

We R&D and manufacture VFL-650-4 series pen-type visual fault locator especially for long-distance optical fiber fault inspection, it has advantages of long inspection distance, long using life, solid structure and portability. It is ideal choice of site operation workers.

### Features:

- MQW LD optical source
- Operating mode: CW and MOD
- 2.5mm FC, SC, ST general interface
- Long inspection distance
- Steady power output
- Nano technology, multi-ply ESD protection
- Rechargeable battery
- Convenient for use and carry

### Function:

- Locate the fiber failure, such as fracture and bend
- Failure inspection in OTDR blind zone
- Fiber recognition from head face to end face
- Mechanical transition point optimization

### Application:

- Telecom, CATV project
- PDS construction and maintenance
- Optical component manufacture and research
- Other fiber project

### Technical Specifications

|                           |  |
|---------------------------|--|
| Type                      | VFL-650-4                              |
| Central Wavelength        | 650±10nm                               |
| Fiber mode                | SM or MM                               |
| Optical Connector         | 2.5mm FC, SC, ST general interface     |
| Output power              | 35mW/40mW/45mW/50mW                    |
| Inspection distance       | 25 Km/30 Km/35 Km/40 Km                |
| Electrical source         | One high power rechargeable Li battery |
| Working time of batteries | More than 10h                          |
| Operating temperature     | -20~+60°C (no dewing)                  |
| Storage temperature       | -40~+85°C                              |
| Material of shell         | Aluminum alloy                         |
| Dimension                 | Ø24×138mm                              |
| Weight                    | About 90g (without batteries)          |

### Order Information

| MODEL        | SPECIFICATION                          |
|--------------|--|
| VFL-650-4-30 | Output power: 30mw, Laser range: ≥30KM |
| VFL-650-4-40 | Output power: 40mw, Laser range: ≥40KM |
| VFL-650-4-50 | Output power: 50mw, Laser range: ≥50KM |

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)  
Tel: +86-01081593787 Fax: +86-01081593789