

fibresales Fibre Optic Visible Fault Identifier (VFI)



Visible Fault Identifier (VFI)

The Visible Fault Identifier (VFI) is an essential tool for detecting faults in fibre optic cables. Available in 1mW, 10mW, 20mW, and 30mW power levels, this device helps technicians quickly identify breaks, bends, or splicing issues. The VFI uses a visible red laser to illuminate faults, offering instant, accurate troubleshooting for both single-mode and multi-mode fibres.

Applications:

- **Field Testing:** Quickly detect fibre optic faults during field installations, maintenance, or troubleshooting.
- **Lab Testing:** Use for quality control and testing of fibre optic splices, patch cords, or network components.
- **Telecom and Data Centres:** Identify and resolve faults to keep your network functioning at its best.
- **FTTx Networks:** Ensure proper fibre connections in FTTH and other fibre-to-the-premises deployments.

Features:

- **Power Options:** Choose from 1mW, 10mW, 20mW, and 30mW for optimal performance across different cable lengths.
- **Bright Red Laser:** Quickly identifies faults like breaks, bends, and poor splices by illuminating the problem area.
- **Universal Compatibility:** Works with a wide range of single-mode and multi-mode fibre optic cables.
- **Compact and Portable:** Lightweight design makes it ideal for fieldwork, as well as lab testing.
- **Durable Build:** Designed to withstand rugged environments and handle both indoor and outdoor conditions.
- **Long Battery Life:** Provides up to 40 hours of continuous use, ensuring reliability during extended testing.

Technical Specifications

- **Power Output:**
 - 1mW (for short-distance testing)
 - 10mW (for medium-range testing)
 - 20mW (for long-range testing)
 - 30mW (for extensive cable runs)
- **Laser Wavelength:** 650nm $\pm$ 10nm (visible red light)
- **Compatibility:** Single-mode and multi-mode fibres (250µm, 900µm, 2-3mm jacketed fibre)s

Ordering Code:

FVF-30mW, 25-30Km
FVF-20mW, 15-17Km
FVF-10mW, 8-10Km
FVF- 1mW, 3-5Km

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