
FibreSales

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fibresales Fibre Optical Identifier (800-1700nm)



Optical Fibre Identifier (800-1700nm)

The fibresales Optical Fibre Identifier is a reliable, non-intrusive tool designed for detecting live fibres across a broad wavelength range of 800nm to 1700nm. It identifies signal presence, direction of signal flow, and the relative power level, without disrupting active services. This tool is essential for technicians performing maintenance, troubleshooting, and installations in fibre optic networks.

Applications:

- **Telecommunication Networks:** Detect live signals in fibre optic cables during installations, maintenance, or troubleshooting.
- **FTTx and FTTH Projects:** Perfect for fibre-to-the-home (FTTH) and fibre-to-the-premises (FTTP) applications, ensuring quick identification of live fibres.
- **Data Centre Maintenance:** Identify active fibres without disrupting network services in high-density environments.
- **Fieldwork:** A must-have tool for technicians working on fibre optic cables in outdoor or rugged environments.

Features:

- **Wide Wavelength Range:** Covers 800nm to 1700nm, suitable for both single-mode and multi-mode fibre optic networks.
- **Non-Intrusive Testing:** Detect live signals without interrupting network services, saving time and maintaining network stability.
- **Signal Direction and Power Detection:** Accurately identifies signal direction and relative power level, aiding in troubleshooting and network diagnostics.
- **Easy Operation:** One-click testing with visual and audible indicators for fast, efficient identification of active fibres.
- **Durable and Lightweight:** Built for field use with rugged, impact-resistant housing while remaining lightweight for easy portability.
- **Long Battery Life:** Up to 100 hours of continuous operation, ideal for extended use in the field.

Technical Specifications

- Wavelength Range: 800nm to 1700nm
- Fibre Types Supported: Single-mode and multi-mode fibres
- Signal Detection: Signal presence, Direction of signal flow, Relative signal power level
- Insertion Loss: Single-mode: ≤ 1.0 dB at 1310nm & 1550nm, Multi-mode: ≤ 2.0 dB at 850nm
- Power Supply: 2 x AA batteries (included)
- Indicators:
 - Visual: LED display for signal detection and flow direction
 - Audible: Beep sound for signal detection
- Clamp Size Compatibility: 0.25mm, 0.9mm, 2mm, and 3mm fibre jackets

Ordering Code:

FF - Optical Fibre Identifier

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