

Fiber Optic Compact Optical Time Domain Reflectometer (OTDR) with 1310/1550 wavelengths



FOTM-OTDR-A

Features

- Optical Time Domain Reflectometer (OTDR)
- Identify loss and potential issues on single mode fiber
- Compact Design

Applications

- Fiber Test and Measurement
- Fiber Characterization
- Fiber Cable Troubleshooting
- Fiber Installation and Maintenance

Description

The L-com FOTM-OTDR-A is an Optical Time Domain Reflectometer (OTDR), used to identify loss and potential issues on single mode fiber. The L-com FOTM-OTDR-A features a compact, portable design, making it a great choice for field work. The L-com FOTM-OTDR-A is ideal for fiber cable troubleshooting, over single mode or multimode fiber. The L-com FOTM-OTDR-A is one of thousands of fiber products and fiber accessories available in stock and ready to ship.

Configuration

| | |
|-----------------|-----------------------------------|
| Connector Type | FC |
| Module Function | Optical Time Domain Reflectometer |
| Detector Type | Optical |
| Battery Type | Li-Battery |

Specifications

| Description | Minimum | Typical | Maximum | Units |
|----------------------------------|---------|---------|---------|---------|
| Operating Wavelength | 1310 | | 1550 | nm |
| Battery Operating Time | | | 10 | h |
| Dynamic Range | | | 30 | dB |
| Event Blind Zone | | 1.5 | | m |
| Attenuation Blind Zone | | 10 | | m |
| Attenuation Measurement Accuracy | | ±0.05 | | dB/dB |
| Reflection Measurement Accuracy | | ±4 | | dB |
| Data Storage Capacity | | | 1,000 | Records |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[Fiber Optic Compact Optical Time Domain Reflectometer \(OTDR\) with 1310/1550 wavelengths FOTM-OTDR-A](#)

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FOTM-OTDR-A

| Specification | Test Range | Pulse Width |
|---------------|------------|-------------|
| Spec 1 | 0.5 km | 10 ns |
| Spec 2 | 1 km | 30 ns |
| Spec 3 | 2 km | 50 ns |
| Spec 4 | 4 km | 100 ns |
| Spec 5 | 8 km | 275 ns |
| Spec 6 | 16 km | 500 ns |
| Spec 7 | 32 km | 1 us |
| Spec 8 | 64 km | 5 us |
| Spec 9 | 128 km | 10 us |

Size

| | |
|--------|---------------------|
| Length | 2.44 in [61.98 mm] |
| Width | 1.97 in [50.04 mm] |
| Height | 0.79 in [20.07 mm] |
| Weight | 0.44 lbs [199.58 g] |

Environmental Specifications

Temperature

| | |
|-----------------|------------------|
| Operating Range | -10 to +60 deg C |
| Storage Range | -25 to +70 deg C |

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

Fiber Optic Compact Optical Time Domain Reflectometer (OTDR) with 1310/1550 wavelengths from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components.

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to impliment improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume liability arising out of the use of any part or document.