

Exfo Optical Time Domain Reflectometer Package

Article Overview

EXFO's dedicated OTDR packages provide advanced fiber characterization, high-accuracy measurements, and versatile field testing capabilities for single-mode, multi-mode, and mixed optical networks.

Overview

EXFO offers a range of dedicated OTDR packages designed for precise fiber testing, network validation, and troubleshooting. These solutions are widely used in fiber-to-the-home (FTTH), mobile RAN networks, data centers, and C-RAN deployments. The OTDR packages combine optical link mapping, power measurement, and connector health monitoring in a single device, allowing technicians to switch between testing modes without disconnecting the fiber under test .

Key Features

- o **Dynamic Range:** Depending on the model, EXFO OTDRs offer a dynamic range from 27 dB up to 50.5 dB, suitable for short local fibers or long-haul trunk lines .
- o **Wavelength Support:** Models cover 850 nm to 1650 nm, supporting single-mode, multi-mode, and tunable fiber testing .
- o **Pulse Duration:** Adjustable from 3 ns to 20 us, enabling minimal dead zones for short fibers and maximum dynamic range for long fibers .
- o **Port Flexibility:** Field-swappable optical port connectors and integrated power measurement allow seamless transitions between testing and troubleshooting .
- o **Event Analysis:** Automatic generation of event tables indicating distance, loss, and reflection for connectors, splices, splitters, and macrobends .
- o **Portability:** Handheld and compact designs, such as the MaxTester 700D series, ensure stable operation in harsh field conditions .

Applications

- o **Network Deployment and Validation:** Characterize fiber links during installation and verify compliance with network specifications.
- o **Maintenance and Troubleshooting:** Detect and locate faults, splices, and reflections in active or passive fiber networks.
- o **Data Center and C-RAN Testing:** Tunable OTDR models support high-precision measurements for dense fiber deployments.
- o **FTTH and RAN Networks:** Ensure optical link integrity and connector health for subscriber and mobile access networks .



Exfo Optical Time Domain Reflectometer Package

Product Variants

- o MaxTester 700D Series: Portable OTDRs with models supporting single-mode, multi-mode, and active fiber testing, offering dynamic ranges from 32 to 42 dB .
- o D-Series OTDRs: Advanced field solutions with integrated optical port monitoring and multifunctional capabilities .
- o Modular OTDRs: Covering 1310-1650 nm wavelengths with dynamic ranges up to 50.5 dB, suitable for long-haul and high-performance network testing . EXFO's dedicated OTDR packages are designed to maximize testing efficiency, accuracy, and reliability, making them ideal for field technicians, network engineers, and service providers who require comprehensive fiber characterization and rapid troubleshooting capabilities.

We have compiled a list of Optical Time Domain Reflectometers (OTDR) from the EXFO Inc. website/catalog and made their

The EXFO FTB Lite 720D is a high-performance Optical Time Domain Reflectometer (OTDR) designed for testing and

EXFO FTB Lite 700D in optical time domain reflectometer (OTDR) mode. The presentation of traces as

The EXFO MaxTester 700D series consists of twelve models, which are presented in this interactive table.

Optical Time Domain Reflectometers (OTDR) from EXFO Inc. are listed on GoPhotonics. We have compiled a list of Optical Time

EXFO Inc. Request Info QUEBEC CITY, April 27, 2023 -- The D-Series of Optical Time Domain Reflectometer

The FTBx-750C from EXFO Inc. is a Optical Time Domain Reflectometer (OTDR) with OTDR Measurement Time 60 minutes, Event

EXFO MaxTester 715B Optical Time Domain Reflectometer is a powerful lightweight handy OTDR with 7-inch outdoor-enhanced

Optical Time-Domain Reflectometers (OTDRs) from EXFO combine a laser source and a detector in order to characterize an optical

Exfo Optical Time Domain Reflectometer Package

These measurements and the fault detection are carried out by using an optical time domain reflectometer,

Optical Time Domain Reflectometer (OTDR) Mode This is the main mode used by the EXFO MAX-720C and EXFO MAX-730C

Download the EXFO Optical Time Domain Reflectometer Quick Reference Guide for detailed instructions

Exfo Optical Time Domain Reflectometers - OTDR and other new and used Time Domain Test products from Test

Intelligent OTDR-based solution for testing and monitoring fiber links (P2P and PON) from buildout to maintenance. Optimized for

The MaxTester 715D from EXFO Inc. is a Optical Time Domain Reflectometer (OTDR) with OTDR Measurement Time User-defined,

The device is optimized to test through optical splitters for seamless end-to-end FTTH characterization and troubleshooting. It is used

Web: <https://www.millstraining.co.za>

