

Selection of Dedicated OTDRs for Metropolitan Area Networks



Overview

Selection Tip: Short-Distance (LAN/Data Center < 10km): 25-30 dB is usually sufficient. Long-Haul (Telecom > 80km): You'll need a high-performance OTDR with 40+ dB. Fully featured, entry-level, dedicated OTDR with tablet-inspired design, suitable for metro and optimized to test through optical splitters, for seamless end-to-end FTTH characterization and troubleshooting. The MaxTester 700D OTDR Series comes with a Swap-Out connector which can easily be changed. GoPhotonics has assembled a comprehensive selection of Optical Time Domain Reflectometers (OTDRs) from leading global manufacturers, delivering high-performance solutions for fiber installation, maintenance, and troubleshooting. These instruments provide accurate fault location, distance. This white paper provides key information about OTDRs and guidance to newcomers in the telecommunication fiber optic market for selecting an OTDR appropriate to their testing needs. We offer OTDRs for wide-area networks from AFL Noyes and VIAVI. EXFO's new D-series OTDRs drive innovation further for more operational efficiency gains in the field. This guide explains: ■ What Is OTDR Testing and Why Does It Matter?

An OTDR sends laser pulses into the fiber and measures returning backscatter to create.



Article Content

Jun 04, 2026

How to choose the right OTDRs for enterprise fiber network testing

But not all OTDRs are the same. Let's explore what makes a good OTDR, how to select the right one for your project, and why renting the right model from trusted brands like VIAVI, EXFO, ...

Jan 10, 2026

MaxTester 730D | Metro Networks | OTDR

Explore a curated selection of accessories designed to enhance performance, improve usability, and maximize the potential of your product. Optimized for FTTx/MDU fiber deployments and ...

May 09, 2026

Choosing the Right Optical Time Domain Reflectometer (OTDR)

This white paper provides key information about OTDRs and guidance to newcomers in the telecommunication fiber optic market for selecting an OTDR appropriate to their testing needs.

Aug 11, 2025

OTDR for Wide-Area Networks

We offer OTDRs for wide-area networks from AFL Noyes and VIAVI. There are three different VIAVI OTDR measurement module series available for wide-area networks. They can be used in ...

Feb 26, 2026

Complete OTDR Testing Guide | ZION OTDR Comparison & Selection

Learn how OTDR testing works and compare ZION OTDR models to choose the best tester for FTTH, PON, ODN, and backbone networks. Complete guide with parameters, procedures, ...

Jul 30, 2025

GoPhotonics Curates High-Performance OTDRs for Precise Fiber ...

GoPhotonics has assembled a comprehensive selection of Optical Time Domain Reflectometers (OTDRs) from leading global manufacturers, delivering high-performance solutions ...

Aug 01, 2025

Complete OTDR Testing Guide | ZION OTDR ...

Learn how OTDR testing works and compare ZION OTDR models to choose the best tester for FTTH, PON, ODN, and backbone networks. Complete ...

Mar 17, 2026

OptiFiber® Pro Series OTDRs

Fluke Networks" OptiFiber Pro Series OTDRs are designed to make every level of user more efficient whether working in data centers, outside plant, FTTx or PON applications.

Jul 06, 2026

EXFO: D-Series OTDRs | ICT Solutions & Education

The D-series includes a range of dedicated and modular OTDRs to cover needs for every job, including access, PON, FTTx, metro and last-mile testing. Additional enhancements help minimize downtime, ...

Jul 13, 2026

How to Choose the Best OTDR in 2025: A Buyer's Guide

We'll break down the five most critical OTDR specifications in plain English, explain how they impact real-world testing, and provide a clear framework to help you select the perfect ...

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.chromadecksigns-eastrand.co.za>

Email: sales@chromadecksigns-eastrand.co.za

Phone: +32 2 318 5792

Address: Avenue Louise 500, 1050 Brussels, Belgium

This document is for informational purposes only. Specifications subject to change without notice.

