

OTDR Test Module

Overview

An Optical Time Domain Reflectometer (OTDR) is a valuable fiber optic testing device used for accessing network construction, identifying fiber break points, measuring cable lengths, and calculating relative optical power losses. The RXT-4100+ Fiber Optics test module for the VeEX® RXT-1200 platform is the world's first field portable OTDR to offer up to 500,000 data points with 3 cm resolution. Multi-protocol. Many OTDRs designed for fiber troubleshooting are designed for carrier and contain cumbersome and complicated features. The OptiFiber Pro OTDR family is the first class of OTDRs that is built with features and usability for both the enterprise network engineers, and cable installers working in both. An OTDR (Optical Time Domain Reflectometer) is a measuring instrument intended to measure the transmission loss and distance of optical fibers, locate cable cuts, and evaluate the connection loss and reflectance (return loss) of fusion splices, mechanical splices, connector connections, etc. The OTDR sends a pulse of laser light into one side of the optical fiber.



Article Content

Nov 11, 2025

OTDR Testing Fundamentals | Yokogawa Test& Measurement ...

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Dec 29, 2025

Fiber Optic Testing with OTDRs: What You Need to Know

The first, and perhaps most important module included in an OTDR is the OTDR module! Before proceeding with this module, it's important to check adapter compatibility - for instance, our OTDR ...

Jan 16, 2026

RXT4100+ OTDR Module

The RXT-4100+ Fiber Optics test module for the VeEX® RXT-1200 platform is the world's first field portable OTDR to offer up to 500,000 data points with 3 cm resolution. The RXT-4100+ OTDR ...

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OptiFiber® Pro OTDR Fiber Optic Cable Testing Tool | Fluke Networks

Fluke Networks OptiFiber® Pro OTDR built for enterprise fiber optic cabling certification testing. It supports copper certification, fiber optic loss, OTDR testing and fiber end-face inspection.

Nov 30, 2025

OTDRs | Anritsu America

OTDR capable of fault diagnosis and optical transmission characteristic analysis for multicore fiber. It supports inter-core crosstalk tests for fibers having up to four transmission paths (cores).

Nov 13, 2025

OTDR Testing

VIavi provides the widest range of OTDR testing tools delivering everything from basic fiber certification to fully automated bidirectional OTDR testing that scales for multi-fiber cable certification.

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OTDRs | Anritsu America

OTDR capable of fault diagnosis and optical transmission characteristic analysis for ...

Aug 25, 2025

RXT-4100+ | VeEX Inc. | The Verification EXperts

The RXT-4100+ Fiber Optics test module is the world's first field portable OTDR to offer up to 500,000 data points with 3 cm resolution for the RXT1200 chassis. The RXT-4100+ OTDR modules feature a ...

Jul 13, 2026

OTDR Testing Solutions | EXFO

Rely on EXFO's OTDR-based tools like iOLM for expert-level trace analysis, fault detection and end-to-end link characterization.

Contact Us

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