

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

EXFO

Exfo FTB-150-QUAD 260km 850 1300 1310 1550 OTDR

The Exfo FTB-150-QUAD is a compact and high-performance Optical Time Domain Reflectometer (OTDR) designed for testing and troubleshooting optical networks. It supports four wavelengths (850, 1300, 1310, and 1550 nm) and offers a dynamic range suitable for testing up to 260km. Ideal for field technicians needing a versatile and reliable OTDR solution.



MODEL

Exfo FTB-150-QUAD

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FTB-150-QUAD

LISTING

<https://aumictechlabs.com/products/ftb-150-quad-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Exfo FTB-150-QUAD is a compact optical time domain reflectometer (OTDR) engineered for field testing and troubleshooting of enterprise and private optical networks. Weighing 2.9 kg, this rugged unit features waterproof construction with sealed joints and protected ports, designed to withstand demanding deployment environments. The instrument supports four wavelengths - 850 nm and 1300 nm for multimode fiber, plus 1310 nm and 1550 nm for singlemode fiber - enabling comprehensive fiber characterization across both fiber types. Technical Specifications Distance Range: 260 km (singlemode); 40 km (multimode) Dynamic Range: 850 nm: 26–27 dB | 1300 nm: 25–26 dB | 1310 nm: 35–37 dB | 1550 nm: 35–36 dB Pulse Width Options: 5 ns to 20 µs (includes 10 ns, 30 ns, 100 ns, 275 ns, 1000 ns, 2500 ns, 10,000 ns, 20,000 ns) Event Dead Zone: 1 m

minimum Attenuation Dead Zone: 3–4.5 m (fiber-type dependent) Linearity: ± 0.03 dB/dB Loss Threshold: 0.01 dB Loss Resolution: 0.001 dB Sampling Resolution: 0.04–2.5 m (multimode); 0.04–5 m (singlemode) Sampling Points: Up to 128,000 Reflectance Measurement: Field-installed connector characterization Power-Up Time: 4 seconds Key Features Four-wavelength capability (MM + SM) short dead zones for precise event location Reflectance measurement for connector diagnostics TFT transfective display for direct sunlight visibility Windows-based operating system Typical Applications Enterprise and private network testing LAN/WAN deployment verification Metro and FTTH network commissioning Premises network troubleshooting Connectivity & Integration AutoSync USB and USB A/A-B data transfer RJ-45 connectivity Bluetooth capability Compact Flash memory expansion Optional Visual Fault Locator (VFL)

FTB150QUAD Characteristics / Specifications

PARAMETER	VALUE
Configuration Class	FTB-150-QUAD
MM Wavelengths	850/1300 nm
MM Dynamic Range	27/26 dB
SM Wavelengths Class	1310/1550 nm
SM Access Dynamic Range Class	36/34 to 37/35 dB class
Event Dead Zone MM Class	1 m
Event Dead Zone SM Class	0.8 m
Attenuation Dead Zone SM Class	4 to 4.5 m
Fiber Type	multimode and singlemode
Linearity	plus or minus 0.03 dB/dB
Loss Threshold	0.01 dB
Loss Resolution	0.001 dB
Sampling Points Class	up to 128000
Distance Uncertainty Class	plus or minus (0.75 plus 0.0025 percent times distance plus sampling resolution) m
Ambient Spec Condition	23 C plus or minus 2 C with FC/PC
Platform	FTB-150 compact OTDR
Manufacturer	EXFO
Sampling Resolution Class	0.04 m class minimum
Pulse Width Max Class	20000 ns class
Real Time Refresh Class	about 3 Hz class
Laser Safety	Class 1M
Form Factor	compact handheld OTDR
Attenuation	Dead Zone SM Class: 4 to 4.5 m

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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PARAMETER	VALUE
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MM Wavelengths	850/1300 nm
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Loss Threshold	0.01 dB
Loss Resolution	0.001 dB
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Distance Uncertainty Class	plus or minus (0.75 plus 0.0025 percent times distance plus sampling resolution) m
Optional PM Calibrated Wavelengths: 850 1300 1310 1490 1550 1625 1650 nm	
Optional PM Power Range InGaAs Class: 10 to minus 86 dBm	
Specifications	
PARAMETER	VALUE
Ambient Spec Condition	23 C plus or minus 2 C with FC/PC
Platform	FTB-150 compact OTDR
Manufacturer	EXFO
Sampling Resolution Class	0.04 m class minimum
Pulse Width Max Class	20000 ns class
Real Time Refresh Class	about 3 Hz class
Laser Safety	Class 1M

PARAMETER

VALUE

Form Factor

compact handheld OTDR

Notes

From EXFO FTB-150 Compact OTDR family specification sheets for combined MM/SM (quad) configurations. Confirm exact SM dynamic-range pair on the installed E-code.

Laser Safety

Laser Safety: Class 1M Form Factor: compact handheld OTDR Notes From EXFO FTB-150 Compact OTDR family specification sheets for combined MM/SM (quad) configurations. Confirm exact SM dynamic-range pair on the installed E-code.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.