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Data Sheet

August 14, 2026

EXFO

Exfo FTB-150-MM 40km 850 1310 OTDR

The Exfo FTB-150-MM is a compact Optical Time Domain Reflectometer (OTDR) designed for multimode fiber testing. It features 850nm and 1310nm wavelengths, optimized for short-haul networks, with a range up to 40km. Ideal for verifying and troubleshooting fiber optic links in data centers, enterprise networks, and other multimode applications.



MODEL Exfo FTB-150-MM	CALIBRATION Available on request
CONDITION Used	STATUS In stock
RFQ / SKU FTB-150-MM	LISTING https://aumictechlabs.com/products/ftb-150-mm-2/

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The EXFO FTB-150-MM is a compact Optical Time Domain Reflectometer engineered for multimode fiber characterization, installation, and troubleshooting in enterprise and private networks. This portable instrument delivers precise fiber measurements to 40 km with dual-wavelength capability, market-leading linearity, and field-hardened construction for on-site deployment. Technical Specifications Optical Performance Wavelengths: 850 nm and 1310 nm Maximum range: 40 km (multimode fiber) Dynamic range: 27 dB at 850 nm, 26 dB at 1310 nm (20 μ s pulse width, 3-minute averaging, SNR = 1) Event dead zone: 1 m typical (reflectance below -35 dB, 5 ns pulse) Attenuation dead zone: 3 m typical Linearity: ± 0.03 dB/dB Loss threshold: 0.01 dB Loss resolution: 0.001 dB Measurement Configuration Pulse widths: 5, 10, 30, 100, 275, 1000 ns Sampling resolution: 0.04 m to 2.5 m Sampling points: Up to 128,000 Launch conditions: Controlled for 50 μ m and 62.5 μ m multimode fiber Operating Modes Auto Mode: Automatic

parameter selection Advanced Mode: Manual configuration for flexible measurement setup
Template Trace Mode: Baseline comparison and pass/fail documentation Key Features Power-up time: 4 seconds Battery runtime: More than 8 hours Display: Advanced TFT transfective screen - readable in direct sunlight User interface: Touchscreen with shortkey functionality Data transfer: Instantaneous AutoSync USB connectivity Connectivity options: USB A/A-B, RJ-45, Bluetooth Storage: Compact Flash with Wi-Fi and Bluetooth support Weight: 2.9 kg (6.4 lb) Construction: Rugged, waterproof shell with sealed joints and port protection doors Typical Applications Enterprise network fiber verification Data center multimode deployment FTTH and access network testing LAN and premises network troubleshooting Short-haul network characterization Compatibility & Integration The FTB-150-MM is optimized for 50 μm and 62.5 μm multimode fiber. Controlled launch conditions ensure accurate characterization across fiber diameters. The instrument integrates with USB, Ethernet, and wireless networks for seamless data acquisition and remote monitoring in field and lab environments.

FTB150MM Characteristics / Specifications

PARAMETER	VALUE
Configuration	FTB-150-MM
Wavelengths	850/1300 nm
Dynamic Range	27/26 dB
Event Dead Zone MM Class	1 m
Fiber Type	multimode
Attenuation Dead Zone MM Class	per FTB-150 MM table
Distance Range Class	premises to tens of km MM class
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 MM Class: per FTB-150 MM table

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
Configuration	FTB-150-MM
Wavelengths	850/1300 nm
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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
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
Form Factor	compact handheld OTDR
Notes	
From EXFO FTB-150 Compact OTDR specification sheets FTB-150-MM column. Confirm exact dead-zone pair and	

options on the unit datasheet revision.

Laser Safety

Laser Safety: Class 1M Form Factor: compact handheld OTDR Notes From EXFO FTB-150 Compact OTDR specification sheets FTB-150-MM column. Confirm exact dead-zone pair and options on the unit datasheet revision.

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

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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.