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Data Sheet
August 14, 2026

EXFO

Exfo FTB-150-METRO 260km 1310 1550 1625 OTDR

The EXFO FTB-150-METRO is a compact, lightweight optical time domain reflectometer engineered for metro network field testing. This 260 km capable OTDR delivers accurate detection and characterization of fiber splices, connectors, breaks, and other link events through three operational wavelengths: 1310 nm, 1550 nm, and 1625 nm. Trace Acquisition Time: 10 seconds minimum; full averaging in 45 seconds (short-range configurations) Optional power meter, fiber inspection probe, and visual fault locator (VFL) modules Aumictech offers NIST-traceable calibration and repair for the Exfo FTB-150-METRO. Calibration covers distance accuracy verified against a calibrated fiber length reference, event loss measurement accuracy at splice and connector events, dead zone (event and attenuation) at rated pulse width, dynamic range verification at 1310 nm and 1550 nm, backscatter coefficient calibratio

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

NIST-traceable cal · SAM registered · 30-day returns

NAICS 423690 · 811210 · 541380

This unit

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three operational wavelengths: 1310 nm, 1550 nm, and 1625 nm. Technical Specifications Wavelengths: 1310 nm, 1550 nm, 1625 nm Maximum Distance Range: 260 km Maximum Pulse Width: 20 µs Acquisition Points: Up to 52,000 Trace Acquisition Time: 10 seconds minimum; full averaging in 45 seconds (short-range configurations) Event Dead Zone: As low as 1 m Attenuation Dead Zone: 3 m or 4.5 m (configuration-dependent) Linearity: ±0.03 dB/dB Battery Life: More than 8 hours Power-up Time: 4 seconds Weight: 2.9 kg Key Features 1 m event dead zone for precise splice and connector location Advanced TFT transflective display optimized for direct sunlight operation Three operating modes: Auto Mode, Advanced Mode, and Template Trace Mode Rugged waterproof construction with sealed joints and protective port panels Touchscreen interface with shortkeys and tracking knob Instantaneous AutoSync USB data transfer and file management Wi-Fi and Bluetooth connectivity (via Compact Flash) Connectivity & Integration USB A/A-B and RJ-45 ports Bluetooth and Wi-Fi (Compact Flash) Optional power meter, fiber inspection probe, and visual fault locator (VFL) modules Typical Applications Metro and FTTH network deployment, in-service fiber link verification, splice and connector loss analysis, and fiber break detection across distances to 260 km.

FTB150METRO Characteristics / Specifications

PARAMETER	VALUE
Configuration	FTB-150-METRO
Wavelengths	1310/1550 nm
Dynamic Range	42/41 dB
Event Dead Zone Metro LH Class	0.8 m
Attenuation Dead Zone Metro LH Class	4 to 4.5 m
Fiber Type	singlemode 9/125 um
Distance Range Class	metro OTDR ranges on FTB-150
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 Metro LH Class: 4 to 4.5 m

FTB150METRO Specifications

PARAMETER	VALUE
Key Features	1310/1550 nm metro singlemode OTDR
Optional power meter and VFL	Compact FTB-150 platform
Technical Specifications	Configuration: FTB-150-METRO
Notes	From EXFO FTB-150 Compact OTDR specification sheets FTB-150-METRO column.

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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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-METRO column.

Laser Safety

Laser Safety: Class 1M Form Factor: compact handheld OTDR Notes From EXFO FTB-150 Compact OTDR specification sheets FTB-150-METRO column.

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

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