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Data Sheet

August 2, 2026

EXFO

Exfo FTB-150 Network Testing Compact Optical OTDR

Exfo FTB-150 Network Testing Compact Optical OTDR The FTB150 provides a compact single-module optical OTDR platform designed for access and metro field testing, with wavelength and range performance determined by the installed OTDR configuration rather than by a multi-slot mainframe such as the FTB-200 or FTB-400. Access and metro fiber characterization; FTTx, long-haul, metro, multimode, and quad-wavelength OTDR workflows per installed configuration; compact outside-plant installation and maintenance; single-module field OTDR testing without multi-slot platform complexity. The FTB150 provides a compact single-module optical OTDR platform designed for access and metro field testing, with wavelength and range performance determined by the installed OTDR configuration rather than by a multi-slot mainframe such as the FTB-200 or FTB-400. Access and metro fiber characterization; FTTx, long-haul, metro, multimode, and quad-wavelength OTDR workflows per installed configuration; compact outside-plant installation and maintenance; single-module field OTDR testing without multi-slot platform complexity.



MODEL

Exfo FTB-150

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FTB-150

LISTING

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

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Exfo FTB-150 is a compact optical time-domain reflectometer (OTDR) engineered for field-based fiber optic network testing. This lightweight, rugged platform delivers multi-wavelength OTDR capability across singlemode and multimode fiber infrastructure, featuring fast acquisition, advanced sunlight-readable display technology, and user-centric field operations design.

Technical Specifications

Wavelength Support: Singlemode (SM): 1310 nm, 1490 nm, 1550 nm, 1625 nm Multimode (MM): 850 nm, 1300 nm Up to four wavelengths per module configuration

Dynamic Range (Module-Dependent): FTB-150-QUAD (MM/SM): 850 nm: 26 dB | 1300 nm: 25 dB | 1310 nm: 36 dB (35 dB) | 1550 nm: 35 dB (34 dB) FTB-150-MM (MM): 850 nm: 27 dB | 1300 nm: 26 dB FTB-150-ACCESS (SM): 1310 nm: 35 dB | 1550 nm: 34 dB FTB-150-FTTx (SM): 1310 nm: 38 dB | 1550 nm: 37 dB (alternate config: 1310 nm: 38 dB | 1490 nm: 34 dB | 1550 nm: 37 dB) FTB-150-METRO (SM): 1310 nm: 40–41 dB | 1550 nm: 38–40 dB | 1625 nm: 38 dB (optional) FTB-150-LH (SM): 1310 nm: 45 dB | 1550 nm: 43 dB (typical, NZDSF) Dynamic range decreases with shorter pulse widths: 2 dB reduction at 10 μ s, 1 dB reduction at 20 μ s. Dead Zones: Event Dead Zone: $\leq$ 1 m (SM/MM) Attenuation Dead Zone: 3 m or 4.5 m (measured at 5 ns–10 ns pulse, $\leq$ -45 dB reflectance SM, $\leq$ -35 dB MM) Acquisition & Resolution: Pulse Widths: 5 ns to milliseconds Sampling Resolution: Down to 4 cm Sampling Points: Up to 128,000 Acquisition Time: 45 seconds (full averaging); down to five seconds typical Multi-minute averaging supported (three-minute averaging at SNR = 1)

Key Features Multi-wavelength platform accommodating diverse fiber types Portable, ruggedized form factor for demanding field environments event dead zone performance (1 m) Fast acquisition and processing speeds Sunlight-readable display for outdoor testing

Typical Applications Access and metro network deployment FTTx infrastructure commissioning and maintenance Long-haul singlemode fiber characterization Multimode backbone testing

Compatibility & Integration FTB-150 modular platform supports field-swappable OTDR configurations, enabling wavelength and dynamic range optimization for specific network types and fiber classes.

Features & description

From manufacturer datasheet

Features

- Compact single-module OTDR platform (not multi-slot FTB-200/400 class)
- Configuration-dependent wavelength and range performance
- Variants include FTB-150-FTTx, FTB-150-LH, FTB-150-METRO, FTB-150-MM, and FTB-150-QUAD
- Access and metro application class
- Generic catalog designation ftb-150-2 covers multiple configurations

FTB150 Characteristics / Specifications

PARAMETER	VALUE
Model	FTB-150 (FTB150)
Manufacturer	Exfo
Instrument Type	Compact Optical OTDR Platform
Platform Class	Single-module OTDR (not multi-slot mainframe)
Configuration Variants	FTB-150-FTTx, FTB-150-LH, FTB-150-METRO, FTB-150-MM, FTB-150-QUAD
Wavelength/Range	Dependent on installed OTDR module and faceplate configuration
Application Class	Access and metro (typical)
Catalog Reference	ftb-150-2 (generic slug-confirm specific variant)
Alias	FTB150 Standard Operating Conditions Confirm faceplate or configuration label (FTTx, LH, METRO, MM, QUAD) before field deployment. Allow OTDR warm-up and set appropriate pulse width and averaging for link length and loss budget. Maintain connector cleanliness for accurate event detection.

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.

performance determined by the installed OTDR configuration rather than by a multi-slot mainframe such as the FTB-200 or FTB-400.

Applications

Access and metro fiber characterization; FTTx, long-haul, metro, multimode, and quad-wavelength OTDR workflows per installed configuration; compact outside-plant installation and maintenance; single-module field OTDR testing without multi-slot platform complexity.

Key Features

- Compact single-module OTDR platform (not multi-slot FTB-200/400 class)
- Configuration-dependent wavelength and range performance
- Variants include FTB-150-FTTx, FTB-150-LH, FTB-150-METRO, FTB-150-MM, and FTB-150-QUAD
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Application Class	Access and metro (typical)
Catalog Reference	ftb-150-2 (generic slug-confirm specific variant)
Alias	FTB150

Standard Operating Conditions

Confirm faceplate or configuration label (FTTx, LH, METRO, MM, QUAD) before field deployment. Allow OTDR warm-up and set appropriate pulse width and averaging for link length and loss budget. Maintain connector cleanliness for accurate event detection.

Operational Notes

FTB-150 is a compact OTDR platform—not interchangeable with FTB-200 or FTB-400 multi-slot mainframes. Performance specifications depend on installed configuration; confirm variant from faceplate label (FTTx/LH/METRO/MM/QUAD) before quoting dynamic range or wavelength. Alias FTB150.

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.