

**Aumictech**

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Data Sheet

August 14, 2026

EXFO

Exfo FTB-150-LH 260km 1310 1550 OTDR

The Exfo FTB-150-LH is a compact Optical Time Domain Reflectometer (OTDR) module designed for testing optical fibers at 1310nm and 1550nm wavelengths, with a dynamic range suitable for links up to 260km. It is part of the FTB-1 platform, offering high-performance OTDR testing in a portable format for various telecom applications.



MODEL

Exfo FTB-150-LH

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FTB-150-LH

LISTING

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

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Exfo FTB-150-LH is a compact OTDR module engineered for singlemode fiber characterization across extended distance ranges. Operating at 1310 nm and 1550 nm wavelengths, this unit delivers dynamic range up to 45 dB at 1310 nm and 43 dB at 1550 nm, supporting measurements to 260 km. Integrated into the FTB-1 platform, the FTB-150-LH combines field-proven OTDR measurement capability with portable, rugged industrial design. The platform weighs 2.2 kg to 3 kg and boots in as fast as 4 seconds under Windows CE/Mobile. A transfective TFT display ensures readability in direct sunlight, while waterproof construction with sealed joints and port covers meets GR-196-CORE durability standards for outside plant environments. Battery autonomy exceeds 8 hours per charge. Technical Specifications Optical Performance: Wavelengths: 1310 nm, 1550 nm (singlemode) Dynamic Range: 45 dB @ 1310 nm; 43 dB @ 1550 nm Distance Range: Up to 260 km Event Dead Zone: 0.8 m (minimum) Attenuation

Dead Zone: 4 m (minimum) Pulse Widths: 5 ns, 10 ns, 30 ns, 100 ns, 275 ns, 1000 ns, 2500 ns, 10,000 ns, 20,000 ns Loss Resolution: 0.001 dB Loss Threshold: 0.01 dB Linearity: ± 0.03 dB/dB Sampling Resolution: 0.04 m to 5 m Sampling Points: Up to 128,000 Distance Uncertainty: $\pm (0.75 + 0.0025\% \times \text{distance} + \text{sampling resolution})$ Platform Specifications: Weight: 2.2–3 kg (4.8–6.6 lbs) Power-Up Time: 4 seconds Battery Life: 8+ hours Display: TFT transfective Key Features Auto Mode for parameter selection on basic and repetitive measurements Advanced Mode with refractive index and helix factor adjustment Template Trace Mode for comparative cable testing and documentation Waterproof outer shell with sealed joints and port protection covers Connectivity: USB A/A-B, RJ-45, Bluetooth, Compact Flash slot, Wi-Fi expansion capability AutoSync USB for instantaneous data transfer and accelerated processing Typical Applications Link characterization and installation verification Maintenance troubleshooting across singlemode networks Long-haul fiber optic infrastructure assessment Outside plant (OSP) environment deployment Compatibility & Integration The FTB-150-LH module integrates into the FTB-1 platform ecosystem, sharing connectivity infrastructure and software environment with other FTB-150 variants. Data transfer via USB AutoSync and Bluetooth enables field-to-office workflow acceleration.

FTB150LH Characteristics / Specifications

PARAMETER	VALUE
Configuration	FTB-150-LH
Wavelengths	1310/1550 nm
Dynamic Range	45/43 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	long-haul 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

FTB150LH Specifications

PARAMETER	VALUE
Key Features	1310/1550 nm long-haul singlemode OTDR
Optional power meter and VFL	Compact FTB-150 platform
Technical Specifications	Configuration: FTB-150-LH
Notes	From EXFO FTB-150 Compact OTDR specification sheets FTB-150-LH 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	
Specifications	
PARAMETER	VALUE
Configuration	FTB-150-LH
Wavelengths	1310/1550 nm
Dynamic Range	45/43 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	long-haul 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
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-LH column.

Laser Safety

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

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.