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Data Sheet

August 14, 2026

EXFO

Exfo FTB-500 Universal Test Set

The Exfo FTB-500 Universal Test Set is a versatile platform for various optical and data communication testing applications. It supports a wide range of modules for OTDR, Ethernet, and spectral analysis, making it suitable for field and lab environments. Its modular design ensures adaptability to evolving testing needs.



MODEL

Exfo FTB-500

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FTB-500

LISTING

<https://aumictechlabs.com/products/ftb-500-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The EXFO FTB-500 is a modular universal test platform built for field and laboratory deployment across physical, optical, transport, and data communication layers. It combines an Intel Core 2 Duo processor with Windows-based control, a 12.1-inch color touchscreen (800 × 600 resolution), and support for 4-slot or 8-slot module configurations. The platform accepts any EXFO FTB plug-and-play module, enabling backward and forward compatibility with both existing and future test modules. Technical Specifications Processor: Intel Core 2 Duo Display: 12.1-inch color touchscreen, 800 × 600 resolution Configurations: 4-slot or 8-slot module capacity Connectivity: USB, Ethernet, Wi-Fi, VPN, Bluetooth, 3G/LTE, GPS Cloud integration: EXFO Connect for automated asset management and centralized data collection Key Features Transport and Datacom: DS0/E0 to OC-768/STM-256, OTU1/OTU2/OTU3/OTU1e/OTU2e with FEC, 10M/100M Ethernet, Gigabit Ethernet, 10 Gigabit Ethernet (LAN/WAN), 1x/2x/4x/10x Fibre Channel,

10G/40G/100G analysis Optical Testing: OTDR modules available with wavelengths at 850 nm, 1300 nm, 1310 nm, 1550 nm, and 1625 nm; dynamic range up to 45 dB Optical Spectrum Analysis (OSA): Wavelength range 1250 nm to 1650 nm, dynamic range up to +23 dBm, in-band OSNR measurements Dispersion Analysis: Chromatic Dispersion (CD) and Polarization Mode Dispersion (PMD) modules; CD and PMD analysis for fiber lengths up to 120 km, distributed PMD analysis available Typical Applications Multi-layer network testing from physical to transport layers Optical fiber characterization and OTDR measurements Spectral analysis and dispersion measurements Protocol validation across SONET/SDH and standards Compatibility & Integration The FTB-500 architecture supports any EXFO FTB module library, allowing configuration changes without hardware replacement. EXFO Connect enables remote data collection, automated reporting, and cloud-based asset tracking.

FTB500 Characteristics / Specifications

PARAMETER	VALUE
Eight Slot Module Capacity	8
Four Slot Module Capacity	4
Internal Hard Drive Minimum	80 GB with G-shock protection
Flash USB Drive Options	1 GB, 2 GB, 8 GB optional
ExpressCard Memory Optional	16 GB and up
Eight Slot Batteries	three Li-ion smart batteries totaling 207 W-h
Four Slot Batteries	two Li-ion smart batteries totaling 138 W-h
Eight Slot AC Input	100-240 V; 50/60 Hz; 4.8 A
Four Slot Adapter Input	100-240 V; 50/60 Hz; 4.8 A
Four Slot Adapter Output	24 V; 8.33 A
Eight Slot Size HxWxD	366 × 296 × 216 mm
Four Slot Size HxWxD	366 × 296 × 146 mm
Eight Slot Weight	10.9 kg (24 lb)
Four Slot Weight	8.5 kg (18.7 lb)
Compatible Module Examples	FTB-7400E, FTB-7600E OTDR
Compatible Dispersion Modules	FTB-5700, FTB-5600, FTB-5500B, FTB-5800
High Power OSA Class	up to 23 dBm class with polarization controller option
Form Factor	portable modular platform
Ordering Four Slot Code Class	QTR
Ordering Eight Slot Code Class	OCT
Inspection Probe Options	FP410B, FP420B, FP430B class
CWDM Turn Up Class	integrates metro/CWDM OTDRs with high-power OSA class
Transport Module Class	SONET/SDH OTN Ethernet Fibre Channel capable with modules
Reconfiguration	plug-and-play FTB modules as needs evolve

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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Form Factor	portable modular platform
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Ordering Eight Slot Code Class: OCT	
Optional External USB DVD: read/write DVD drive optional	
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Notes

From EXFO FTB-500 platform specification sheet. Module performance is module-specific; platform rows here cover chassis power, size, and storage only.

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.