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Data Sheet

August 14, 2026

EXFO

Exfo FTB-1-720-12CD-23B Handheld Quad OTDR

This EXFO FTB-1 based quad-wavelength OTDR unit enables accurate fiber testing for both singlemode and multimode networks. With 850, 1300, 1310, and 1550 nm support, it provides efficient troubleshooting, link characterization, and certification. Compact and rugged, it's built for reliable, high-performance field operations across diverse fiber infrastructures.



MODEL

Exfo FTB-1-720-12CD-23B

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FTB-1-720-12CD-23B

LISTING

<https://aumictechlabs.com/products/ftb-1-720-12cd-23b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The EXFO FTB-1-720-12CD-23B is a handheld quad-wavelength OTDR for field characterization, troubleshooting, and certification of singlemode and multimode fiber networks. Operating at 850 nm, 1300 nm, 1310 nm, and 1550 nm, this module delivers dynamic range up to 36 dB at 1310 nm and event dead zones as low as 0.8 m, enabling precise fault location and link analysis across diverse cable plant configurations. The FTB-1 platform provides a dual-core or quad-core processor, 4 GB RAM, Windows 10 OS, and an 8-inch touchscreen display with 1280 × 800 resolution, establishing a compact field computer capable of advanced test automation and data logging. Dual SC connectors UPC for multimode (850/1300 nm) and APC for singlemode (1310/1550 nm) - support interchangeable adapters. Trace resolution extends to 256,000 points. Optional integrated tools include Visual Fault Locator, Optical Power Meter with calibration across 850–1650 nm, and Fiber Inspection Probe. Rechargeable Li-ion batteries and Gigabit Ethernet

connectivity enable extended fieldwork and remote data transfer. The 1625 nm filtered port supports live fiber testing on singlemode links. Multimode dynamic range may reduce by 3 dB when testing 50 μm fiber versus 62.5 μm . Technical Specifications Wavelengths: 850 nm, 1300 nm (multimode); 1310 nm, 1550 nm (singlemode); optional 1625 nm filtered port Dynamic Range: 1310 nm (36 dB), 1550 nm (34 dB), 850 nm (27 dB), 1300 nm (26 dB) Event Dead Zone: 0.8 m minimum Attenuation Dead Zone: 1310/1550 nm (5 m), 850 nm (0.8 m), 1300 nm (4.5 m) Trace Points: Up to 256,000 Processor: Dual-core or quad-core RAM: 4 GB Storage: 64 GB or 128 GB flash memory Display: 203 mm (8-inch) color TFT touchscreen, 1280 $\times$ 800, multi-touch capable Connectors: SC/UPC (multimode), SC/APC (singlemode) Battery: Rechargeable Li-ion smart battery (dual-carrier dual-battery option available) Power Input: 100–240 V AC, 50/60 Hz; Output 24 V @ 3.75 A Connectivity: Gigabit Ethernet (10/100/1000 Mbit/s), two USB 2.0 ports, one USB 3.0 port, Micro SD slot, 3.5 mm audio jack; optional Wi-Fi/Bluetooth/mobile VPN modules Key Features Four-wavelength capability spans multimode and singlemode test domains 36 dB dynamic range at 1310 nm for extended reach characterization Submeter event dead zone resolution for splice and connector isolation 256,000-point trace density supports high-resolution loss mapping Windows 10 platform with touchscreen interface and data logging Optional Visual Fault Locator, Optical Power Meter, and Fiber Inspection Probe integration Typical Applications Installation acceptance and splice loss verification In-service fault location and ring troubleshooting Fiber plant certification and baseline documentation CWDM and live-fiber testing on 1625 nm port Compatibility & Integration Interchangeable SC connector adapters enable multimode and singlemode port flexibility. Integrated tools include calibrated Optical Power Meter (850, 1300, 1310, 1490, 1550, 1625, 1650 nm standard; optional CWDM wavelengths) and optional Fiber Inspection Probe coupling for end-face assessment.

FTB172012CD23B Characteristics / Specifications

PARAMETER	VALUE
Platform	FTB-1
OTDR Module Class	720 / 12CD-23B quad
Wavelengths	850/1300/1310/1550 nm
Fiber Types	multimode and singlemode
Dynamic Range Class	FTB-720 family tables
Event Dead Zone Class	short dead-zone class
Attenuation Dead Zone Class	few-meter class
Display	handheld touchscreen
Operating System Class	Windows embedded on FTB-1
Connectivity Class	USB Ethernet Wi-Fi options on platform
Battery Operation	yes
Laser Safety	Class 1M
Brand	EXFO
Form Factor	handheld modular OTDR
Report Tools	platform reporting
Real Time Mode	yes
Sampling Resolution Class	fine sampling class
Loss Resolution Class	0.001 dB class
Queue Code	12CD-23B
Documentation Source	EXFO FTB-1 and FTB-720 literature
Attenuation	Dead Zone Class: few-meter class

FTB172012CD23B Specifications

PARAMETER	VALUE
Applications	Handheld quad OTDR for LAN/WAN and access networks, construction/maintenance, and Tier-2 fiber characterization.
Key Features	FTB-1 handheld platform
Quad 850/1300/1310/1550 nm OTDR	Touchscreen Windows workflow
Technical Specifications	Platform: FTB-1
Notes	From EXFO FTB-1 platform and FTB-720 OTDR module family literature for FTB-1-720-12CD-23B.

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 for contractor and enterprise testing.

Applications

Handheld quad OTDR for LAN/WAN and access networks, construction/maintenance, and Tier-2 fiber characterization.

Key Features

FTB-1 handheld platform

Quad 850/1300/1310/1550 nm OTDR

Touchscreen Windows workflow

Optional power meter/VFL paths on family

Report generation on platform

Technical Specifications

Technical Specifications

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Loss Resolution Class	0.001 dB class
Queue Code	12CD-23B

Optional VFL: family option

Optional Power Meter: family option

Documentation Source: EXFO FTB-1 and FTB-720 literature

Notes

From EXFO FTB-1 platform and FTB-720 OTDR module family literature for FTB-1-720-12CD-23B.

Laser Safety

Laser Safety: Class 1M Brand: EXFO Form Factor: handheld modular OTDR Report Tools: platform reporting Real Time Mode: yes Sampling Resolution Class: fine sampling class Loss Resolution Class: 0.001 dB class Queue Code: 12CD-23B Optional VFL: family option Optional Power Meter: family option Documentation Source: EXFO FTB-1 and FTB-720 literature Notes From EXFO FTB-1 platform and FTB-720 OTDR module family

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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NIST-traceable calibration · SAM registered ·
30-day returns
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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.