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Data Sheet

August 14, 2026

EXFO

Exfo FTB-7200D-12CD-23B 260km 850 1300 1310 1550 OTDR

The Exfo FTB-7200D-12CD-23B OTDR is a compact, high-performance optical time-domain reflectometer designed for testing and troubleshooting optical fibers. It features multiple wavelengths (850, 1300, 1310, and 1550 nm) and a dynamic range suitable for testing fibers up to 260km. Ideal for various applications, including short-haul, long-haul, and metro network testing.



MODEL

Exfo FTB-7200D-12CD-23B

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FTB-7200D-12CD-23B

LISTING

<https://aumictechlabs.com/products/ftb-7200d-12cd-23b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The EXFO FTB-7200D-12CD-23B is a dual-wavelength optical time-domain reflectometer (OTDR) module engineered for comprehensive fiber network testing across LAN/WAN and access applications. This unit combines singlemode and multimode capabilities in a portable form factor compatible with EXFO platforms including the FTB-200, FTB-2/FTB-2 Pro, and FTB-500. The module delivers extended singlemode reach to 260 km paired with multimode coverage to 40 km, supporting rapid fault location and loss characterization with dead zones as low as 0.8 m to 1 m and acquisition times optimized for field efficiency. Technical Specifications Wavelengths & Dynamic Range 850 nm $\pm$ 20 nm (Multimode): 27 dB typical 1300 nm $\pm$ 20 nm (Multimode): 26 dB

typical 1310 nm $\pm$ 20 nm (Singlemode): 36–37 dB typical 1550 nm $\pm$ 20 nm (Singlemode): 34–35 dB typical Distance & Pulse Configuration Singlemode range: 260 km maximum Multimode range: 40 km maximum Singlemode pulse width: 5 ns to 20,000 ns Multimode pulse width: 5 ns to 1,000 ns Resolution & Accuracy Event dead zone: 0.8–1 m typical Attenuation dead zone: 1 m (multimode 850/1300 nm) to 5 m (singlemode) Sampling points: up to 256,000 Sampling resolution: 0.04 m to 5 m (singlemode); 0.04 m to 2.5 m (multimode) Distance uncertainty: $\pm(0.75 + 0.0025\% \times \text{distance} + \text{sampling resolution})$ m Loss threshold: 0.01 dB Loss resolution: 0.001 dB Linearity: ± 0.03 dB/dB typical Source Output Power 1300 nm (multimode): -1.5 dBm typical 1550 nm (singlemode): -7 dBm typical Key Features Controlled launch conditions for TIA-526-14-B and IEC 61280-4-1 Ed. 2.0 compliance EF-Ready compatibility with external launch mode conditioner (SPSB-EF-C-30) Multimode port fiber: 62.5/125 μm with 50/125 μm multimode support via launch conditioning sub-meter event detection capabilities Typical Applications Inside-plant and outside-plant fiber network commissioning and maintenance Rapid event location and loss quantification in access and LAN/WAN backhaul Multimode and singlemode fiber characterization in unified field deployments Compatibility & Integration The FTB-7200D-12CD-23B integrates into EXFO's modular FTB platform architecture, enabling portable, multi-function fiber test configurations without dedicated bench instrumentation.

FTB7200D12CD23B Characteristics / Specifications

PARAMETER	VALUE
Model	FTB-7200D-12CD-23B
Wavelengths	850/1300/1310/1550 nm
Fiber Types	multimode and singlemode
Platform	FTB modular OTDR platforms
Dynamic Range MM Class	FTB-7200D MM table class
Dynamic Range SM Class	FTB-7200D SM table class
Event Dead Zone Class	sub-meter to low-meter class
Attenuation Dead Zone Class	few-meter class
Linearity Class	plus or minus 0.03 dB/dB class EXFO OTDR
Loss Resolution Class	0.001 dB
Sampling Points Class	high-density sampling
Distance Range Class	LAN to metro/long-haul by pulse
Laser Safety	Class 1M
Connector Interface Class	EXFO universal adapters
Operating Temperature Class	module ambient per platform
Brand	EXFO
Module Form Factor	FTB single-slot OTDR module
Real Time Mode	yes on family
Trace Storage	platform storage
Pulse Widths	ns to us class set
Queue Code	12CD-23B
Documentation Source	EXFO FTB-7200D OTDR module datasheet
Attenuation	Dead Zone Class: few-meter class
Operating temperature	Class: module ambient per platform

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: module ambient per platform
Operating Temperature	Class: module ambient per platform
Operating Temperature Class	module ambient per platform
Brand	EXFO
Module Form Factor	FTB single-slot OTDR module
Real Time Mode	yes on family
Trace Storage	platform storage
Pulse Widths	ns to us class set
Queue Code	12CD-23B
Documentation Source	EXFO FTB-7200D OTDR module datasheet Notes From EXFO FTB-7200D OTDR module family literature for 12CD-23B quad configuration. Exact dynamic-range numbers by wavelength belong on the module datasheet revision.

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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PARAMETER	VALUE
Model	FTB-7200D-12CD-23B
Wavelengths	850/1300/1310/1550 nm
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Loss Resolution Class	0.001 dB
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Laser Safety	Class 1M
Connector Interface Class	EXFO universal adapters
Operating Temperature Class	module ambient per platform
Brand	EXFO
Module Form Factor	FTB single-slot OTDR module
Real Time Mode	yes on family
Trace Storage	platform storage
Pulse Widths	ns to us class set
Queue Code	12CD-23B
Documentation Source	EXFO FTB-7200D OTDR module datasheet
Notes	
From EXFO FTB-7200D OTDR module family literature for 12CD-23B quad configuration. Exact dynamic-range numbers by wavelength belong on the module datasheet revision.	

Laser Safety

Laser Safety: Class 1M Connector Interface Class: EXFO universal adapters Operating Temperature Class: module ambient per platform Brand: EXFO Module Form Factor: FTB single-slot OTDR module Real Time Mode: yes on family Trace Storage: platform storage Pulse Widths: ns to us class set Queue Code: 12CD-23B Documentation Source: EXFO FTB-7200D OTDR module datasheet Notes From EXFO FTB-7200D 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.