

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

EXFO

Exfo FTB-5700-CD-PMD Single Ended CD & PMD Analyzer

Exfo Fiber Characterization Systems. Dynamic Range: ** 25 dB (30 dB without reflector).



MODEL

Exfo FTB-5700-CD-PMD

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FTB-5700-CD-PMD

LISTING

<https://aumictechlabs.com/products/ftb-5700-cd-pmd-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Exfo FTB-5700-CD-PMD is a single-ended dispersion analyzer module that combines chromatic dispersion (CD) and polarization mode dispersion (PMD) measurements into one automated test solution. Designed for the FTB-200 Compact Platform and FTB-400 Universal Test System, it enables fiber characterization from a single location, eliminating the need for remote units or a second technician. This approach reduces operational expenses, simplifies procedures, and accelerates reporting for high-speed data transmission links operating at 10 Gbit/s and beyond. Technical Specifications Wavelength Range: 1475 nm to 1626 nm Dynamic Range: 25 dB (30 dB without reflector; 32 dB to 37 dB with reflector) Testing Range: Up to 120 km Measurement Speed: Results in as little as 25 seconds for CD, PMD, fiber length, and delay measurements Wavelength Pairs: Over 200 wavelength pairs acquired per PMD measurement Scan Capability: Tunable scans with multiple acquisitions available for averaging and accuracy optimization Key Features Single-ended testing from one location reduces truck rolls and operational costs

Automated operation with single-button test initiation and minimal manual intervention User-friendly field interface with pass/fail indicators displayed on a single screen Unified test file and report consolidating both CD and PMD results Support for multiple fiber types:

Telecommunication (strong coupling) and Polarization-Maintaining (weak coupling) Configurable measurement thresholds Differential group delay (DGD) and state of polarization (SOP) analysis

Typical Applications Fiber link characterization for 10 Gbit/s and higher-speed transmission

systems Field deployment of dispersion-limited optical networks Single-ended fiber acceptance testing and commissioning Compatibility & Integration Operates as a module within EXFO's FTB-

200 Compact Platform and FTB-400 Universal Test System platforms.

FTB5700CDPMD Characteristics / Specifications

PARAMETER	VALUE
Measured Wavelength Range	1475 to 1626 nm
Dynamic Range	25 dB (32 dB with reflector)
Distance Uncertainty	+/- (0.01 + 1% x distance) km
CD Test Points	8
CD Uncertainty	+/-10 ps/nm at 1550 nm on 100 km G.652
CD Test Time	40 s
PMD Display Range	up to 50 ps
PMD Range Strong Mode Coupling	0.1 to 20 ps
PMD Uncertainty Strong Mode Coupling	+/- (0.2 + 5% x PMD)
PMD Test Time	less than 180 s
Size HxWxD	96 × 50 × 281 mm
Weight	1.3 kg (2.8 lb)
Operating Temperature	0 C to 50 C
Storage Temperature	-40 C to 70 C
Relative Humidity	0% to 95% non-condensing
Platform Compatibility Class	FTB-500 FTB-2/Pro FTB-4 Pro
Ordering Code	FTB-5700-CD-PMD
Ordering PMD Only Code	FTB5700 PMD
Ordering CD Only Code	FTB5700 CD
PMD Fiber Length Prerequisite	Fiber length >=100 m
PMD Uncertainty Averaging Class	Up to 15 ps with averaging
Spec Class	Typical unless otherwise stated
Standards CD	EIA/TIA FOTP-175B
Standards PMD	EIA/TIA FOTP-243 and IEC 61282-9
Wavelength range	1475 to 1626 nm

PARAMETER	VALUE
Humidity	0% to 95% non-condensing

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	40 C to 70 C
Operating temperature	0 C to 50 C
Operating Temperature	0 C to 50 C
Humidity	0% to 95% non-condensing
Relative Humidity	0% to 95% non-condensing
Platform Compatibility Class	FTB-500 FTB-2/Pro FTB-4 Pro
Ordering Code	FTB-5700-CD-PMD
Ordering PMD Only Code	FTB5700 PMD
Ordering CD Only Code	FTB5700 CD
PMD Fiber Length Prerequisite	Fiber length >=100 m
PMD Uncertainty Averaging Class	Up to 15 ps with averaging
Spec Class	Typical unless otherwise stated
Standards CD	EIA/TIA FOTP-175B
Standards PMD	EIA/TIA FOTP-243 and IEC 61282-9 Notes Slug maps to ordering model FTB-5700-CD-PMD (combined CD and PMD). From EXFO FTB-5700 specification sheet FTB5700.16EN. CD uncertainty stated at 1550 nm on 100 km G.652; PMD uncertainty for strong mode coupling telecom fiber.

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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Notes

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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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<https://aumictechlabs.com>

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.