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Data Sheet

August 14, 2026

EXFO

Exfo FG-720-003M 1550 OTDR

The Exfo FG-720-003M is a stand-alone remote Optical Time Domain Reflectometer (OTDR) operating at 1550 nm for continuous monitoring and fault detection in critical optical fiber networks. This unit delivers all-in-one OTDR testing and monitoring without the capital expense of a full client-server remote fiber test system. The FG-720-003M supports multiple test modes - manual, on-demand, 24/7 continuous monitoring, and scheduled intervals (hourly, daily, weekly) - with SMS-triggered testing and alert capabilities for fault conditions and resolutions. Reference condition recording on each connected fiber with automated deviation detection and precise fault localization Peak-level monitoring for degradation measurement with machine-learning optimization of fault-detection thresholds Season-change management for threshold adaptation across environmental variations



MODEL

Exfo FG-720-003M

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FG-720-003M

LISTING

<https://aumictechlabs.com/products/fg-720-003m-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

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with SMS-triggered testing and alert capabilities for fault conditions and resolutions. Technical Specifications Wavelength: 1550 nm Dynamic Range: 38 dB (SM OTDR, metro) Signal-to-Noise Ratio: 3 min. average using 20 μ s pulse width High Resolution Scans: 1 m Data Storage: 80 GB local capacity with RAID protection Operating Temperature: 0 °C to 50 °C Physical Dimensions: 44 mm H $\times$ 427 mm W $\times$ 312 mm D Weight: 13 kg Key Features Reference condition recording on each connected fiber with automated deviation detection and precise fault localization Peak-level monitoring for degradation measurement with machine-learning optimization of fault-detection thresholds Season-change management for threshold adaptation across environmental variations Flexible alert subsystem with notifications via e-mail, SMS, and SNMP Multi-user capable with discovery and auto-provisioning functions Plug-and-play deployment requiring minimal configuration expertise Typical Applications Long-term fiber health monitoring in metro and long-haul networks Unplanned fault detection and rapid response notification Scheduled preventative testing with automated baseline tracking Remote sites requiring autonomous monitoring without external test infrastructure Compatibility & Integration Network integration via configurable DHCP or fixed IP addressing LAN integration with secure communications Rackmount-ready with supplied kit CE, CSA-UL, and RoHS certified; ISO 9001 manufacturer compliance

FG720003M Characteristics / Specifications

PARAMETER	VALUE
Ordering Code	FG-720-003M
Wavelength	1550 nm
Dynamic Range	38 dB
OTDR Class	metro FTB-7300E class module
Local Optical Ports Options	8 or 16
External Optical Ports	up to 96
OTDR To Port Loss Typical 1550 nm 8 Port	0.8 dB
Internal OTAU Lifetime Cycles	10 million
Storage Capacity	80 GB RAID
Network Interfaces	dual 10/100 Base-T
Dial Up Modem	v.92 56 k
AC Power Option	100-240 VAC 50/60 Hz
DC Power Option	minus 40 to minus 57 VDC
Power Consumption Steady State AC	90 W
Power Consumption Steady State DC	70 W
UPS Option Autonomy	15 min
Operating Temperature	0 C to 50 C
Size HxWxD	44 mm x 427 mm x 312 mm
Weight	13 kg
Software User Interface	web-based
Certifications	CE CSA-UL RoHS
Laser Safety	Class 1M
Chassis Family	FG-720 Fiber Guardian

FG720003M Specifications

PARAMETER	VALUE
Applications	Metro/access critical-fiber remote monitoring at 1550 nm, scheduled OTDR surveillance, and stand-alone web-accessed fault location.
Key Features	1550 nm metro OTDR
Technical Specifications	Ordering Code: FG-720-003M
Notes	From EXFO Fiber Guardian specification sheet SPFIBERGUARDIAN.4AN ordering row FG-720-003M.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	0 C to 50 C
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Certifications	CE CSA-UL RoHS
Laser Safety	Class 1M
Chassis Family	FG-720 Fiber Guardian Notes From EXFO Fiber Guardian specification sheet SPFIBERGUARDIAN.4AN ordering row FG-720-003M.

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	
Ordering Code: FG-720-003M	
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Notes

From EXFO Fiber Guardian specification sheet SPFIBERGUARDIAN.4AN ordering row FG-720-003M.

Laser Safety

Laser Safety: Class 1M Chassis Family: FG-720 Fiber Guardian Notes From EXFO Fiber Guardian specification sheet SPFIBERGUARDIAN.4AN ordering row FG-720-003M.

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.