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Data Sheet

August 14, 2026

EXFO

Exfo FG-720-034M 1550, 1625 OTDR

The Exfo FG-720-034M is a dual-wavelength Optical Time Domain Reflectometer (OTDR) designed for testing and troubleshooting optical fiber networks. It operates at 1550 nm and 1625 nm wavelengths, making it suitable for long-haul and metro network applications. This OTDR is ideal for characterizing fiber links, identifying faults, and ensuring optimal network performance.



MODEL

Exfo FG-720-034M

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FG-720-034M

LISTING

<https://aumictechlabs.com/products/fg-720-034m-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The EXFO FG-720-034M is a dual-wavelength stand-alone remote OTDR unit engineered for testing and monitoring optical fiber networks at 1550 nm and 1625 nm. Deployed as an autonomous Fiber Guardian device, it performs continuous or on-demand diagnostics without requiring external servers or client PCs. The unit delivers dynamic range of 38 dB at 1550 nm and 36 dB at 1625 nm (measured at 3-minute averaging, 20 μ s pulse width, SNR of 1), making it well-suited for metro and FTTx network troubleshooting. Technical Specifications Wavelengths: 1550 nm and 1625 nm Dynamic Range: 38 dB (1550 nm), 36 dB (1625 nm) Dynamic Range Conditions: 3-minute averaging, 20 μ s pulse width, SNR of 1 Data Storage: Up to 80 GB with RAID protection Power Supply: Dual hot-swappable redundant supplies; AC (100–240 VAC, 50/60 Hz) or DC (–40/–72 VDC) Network Interface: 10/100/1000 Base-T Ethernet (IPv4 and IPv6); one dedicated

local access port Configuration: DHCP or fixed IP addressing via rear port Dimensions: 44 mm (H) × 427 mm (W) × 312 mm (D) Weight: 13 kg Operating Temperature: 0 °C to 50 °C Certifications: CE, CSA-UL, RoHS Key Features Manual unplanned testing with result download On-demand fault-triggered testing 24/7 monitoring with fault-event logging only Scheduled testing at hourly, daily, or weekly intervals Remote access via LAN or dial-up using web browser SMS alerts, SNMP traps, and email notifications for fault conditions Typical Applications Metro network fiber diagnostics FTTx deployment and troubleshooting Critical fiber strand monitoring Compatibility & Integration Integrates with NQMSfiber for centralized network operations, alarm management, reporting, and trouble-ticket handling. Compatible with standard network management systems via SNMP.

FG720034M Characteristics / Specifications

PARAMETER	VALUE
Ordering Code	FG-720-034M
Wavelengths	1550 nm and 1625 nm
Dynamic Range	38/36 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

FG720034M Specifications

PARAMETER	VALUE
Key Features	1550/1625 nm metro OTDR
Technical Specifications	Ordering Code: FG-720-034M
Notes	From EXFO Fiber Guardian specification sheet SPFIBERGUARDIAN.4AN ordering row FG-720-034M.

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-720-034M.

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-720-034M	
Specifications	
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Notes

From EXFO Fiber Guardian specification sheet SPFIBERGUARDIAN.4AN ordering row FG-720-034M.

Laser Safety

Laser Safety: Class 1M Chassis Family: FG-720 Fiber Guardian Notes From EXFO Fiber Guardian specification sheet SPFIBERGUARDIAN.4AN ordering row FG-720-034M.

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.