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Data Sheet

August 14, 2026

EXFO

Exfo FG-720-034L 1550, 1625 OTDR

The Exfo FG-720-034L is a stand-alone Optical Time Domain Reflectometer (OTDR) designed for continuous monitoring and fault detection across single-mode fiber networks. Operating at 1550 nm and 1625 nm wavelengths, this Fiber Guardian unit delivers 45 dB dynamic range at each wavelength for precise fiber characterization. The system supports multiple test modes: manual testing with result download, on-demand testing with fault alerting, scheduled testing at user-defined intervals, and 24/7 monitoring that stores fault-related events only. Network Interfaces: 10/100/1000 Base-T Ethernet (IPv4 and IPv6); one dedicated local access port Power Input: Dual, hot-swappable, redundant supplies (100–240 VAC, 50/60 Hz AC or DC option) Operating System: Embedded with integrated web server for local and remote access



MODEL

Exfo FG-720-034L

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FG-720-034L

LISTING

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

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

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Specifications Wavelengths: 1550 nm and 1625 nm Dynamic Range: 45 dB at 1550 nm; 45 dB at 1625 nm Fiber Type: Single-mode (SM) OTDR Local Data Storage: Up to 80 GB capacity with RAID configuration Network Interfaces: 10/100/1000 Base-T Ethernet (IPv4 and IPv6); one dedicated local access port Power Input: Dual, hot-swappable, redundant supplies (100–240 VAC, 50/60 Hz AC or DC option) Operating System: Embedded with integrated web server for local and remote access Key Features SMS-based alerting for fault conditions and resolutions Dry-contact relay status indicator for subsystem faults and power events Four distinct test modes accommodating unplanned, on-demand, scheduled, and continuous monitoring workflows RAID-protected storage for fiber data Redundant, hot-swappable power supplies ensure uninterrupted operation Typical Applications Telecom, datacom, and CATV network monitoring; long-haul fiber link characterization; in-service fault detection and localization. Compatibility & Integration Scales to NQMSfiber for centralized alarm management, reporting, and trouble-ticket handling. Integrates with existing network management systems via embedded web interface and standard Ethernet connectivity.

FG720034L Characteristics / Specifications

PARAMETER	VALUE
Ordering Code	FG-720-034L
Wavelengths	1550 nm and 1625 nm
Dynamic Range	45/45 dB
OTDR Class	core FTB-7500E 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

FG720034L Specifications

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

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	0 C to 50 C
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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 Notes From EXFO Fiber Guardian specification sheet SPFIBERGUARDIAN.4AN ordering row FG-720-034L.

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 in the FG-720 chassis.

Applications

Core/long-haul critical-fiber remote monitoring, dual-wavelength scheduled OTDR including live 1625 nm, and stand-alone web-accessed fault location on high-loss spans.

Key Features

1550/1625 nm core OTDR

45/45 dB dynamic range

FTB-7500E class optical performance

Internal OTAU 8 or 16 ports

Web SMS and email workflows

Technical Specifications

Ordering Code: FG-720-034L

Specifications

PARAMETER	VALUE
Wavelengths	1550 nm and 1625 nm
Dynamic Range	45/45 dB
OTDR Class	core FTB-7500E 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

Specifications

PARAMETER	VALUE
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
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Notes
From EXFO Fiber Guardian specification sheet SPFIBERGUARDIAN.4AN ordering row FG-720-034L.

Laser Safety

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

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 ·
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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.