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Data Sheet

August 14, 2026

EXFO

Exfo FG-720-034U 1550, 1625 OTDR

Exfo FG-720-034U 1550, 1625 OTDR, Dual-wavelength OTDR designed for 1550 and 1625 nm fiber link testing. Detects splices, bends, and faults with high resolution. Ideal for live fiber and OSP analysis. Integrates with EXFO platforms, supports automated event detection, and offers rugged portability. Optimizes network performance and ensures link compliance.



MODEL

Exfo FG-720-034U

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FG-720-034U

LISTING

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

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The EXFO FG-720-034U is a dual-wavelength OTDR engineered for field detection and monitoring of fiber optic network events across 1550 nm and 1625 nm bands. Built for live fiber analysis and OSP environments, it delivers 50 dB dynamic range at 1550 nm and 48 dB at 1625 nm, enabling precise identification of splices, bends, and faults. The unit operates in multiple modes - manual, on-demand, 24/7 continuous monitoring, and scheduled testing (daily, weekly) - with configurable alert thresholds and SMS fault notifications. With 80 GB local storage protected by RAID configuration, the FG-720-034U stores comprehensive trace data and fault events. Network connectivity via 10/100/1000 Base-T Ethernet (IPv4/IPv6) enables web server access from any standard browser, supporting both local LAN and remote WAN management. Power flexibility spans 100–240 VAC (50/60 Hz) or -40 to -72 VDC. The platform integrates with EXFO's NQMSfiber system for centralized network operations and automated event detection, scaling

across multi-site deployments. Technical Specifications Wavelengths: 1550 nm, 1625 nm Dynamic Range: 50 dB @ 1550 nm; 48 dB @ 1625 nm (20 μ s pulse width, 3-minute averaging, SNR = 1) Event Dead Zone: Reflectance below -55 dB (smallest pulse width) Attenuation Dead Zone: Reflectance below -45 dB Data Storage: 80 GB local, RAID-protected Power Input: 100–240 VAC (50/60 Hz) or -40 to -72 VDC Network: 10/100/1000 Base-T Ethernet (IPv4, IPv6) Operating Temperature: 0°C to 50°C Storage Temperature: -40°C to 60°C Humidity: 5% to 95% non-condensing Key Features Manual, on-demand, 24/7 monitoring, and scheduled test modes SMS alerting for fault occurrence and resolution Configurable sensitivity levels for parameter-specific monitoring Web-based management via standard browser Local and remote access over LAN/WAN Typical Applications Live fiber network diagnostics and event detection Outside plant (OSP) cable monitoring Automated fault notification and compliance reporting Compatibility & Integration Integrates with EXFO NQMSfiber system for centralized monitoring, event detection, and multi-site network management.

FG720034U Characteristics / Specifications

PARAMETER	VALUE
Model Ordering Code	FG-720-034U
Wavelengths	1550 nm and 1625 nm
Ultra Example Dynamic Range Family	50/50 dB class
Metro Example Dynamic Range Family 1310/15	35/38 dB (FG-720-023M)
Core Example Dynamic Range Family 1310/15	45/43 dB (FG-720-023L)
Local Optical Ports	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 (1 billion on request)
Storage Capacity	80 GB in RAID
Network Interfaces	dual 10/100 Base-T Ethernet
Dial Up Modem	v.92 56 k
AC Power	100-240 VAC 50/60 Hz
DC Power	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
Unit Status Front LEDs	4
Software User Interface	web-based
Certifications	CE CSA-UL RoHS

PARAMETER	VALUE
Form Factor	1U remote OTDR unit

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	0 C to 50 C
Operating Temperature	0 C to 50 C
Size HxWxD	44 mm x 427 mm x 312 mm
Weight	13 kg
Unit Status Front LEDs	4
Software User Interface	web-based
Certifications	CE CSA-UL RoHS
Form Factor	1U remote OTDR unit Notes From EXFO Fiber Guardian remote test unit specification sheet SPFIBERGUARDIAN.4AN. 034U maps to 1550/1625 nm ultra ordering on the FG-720 family; confirm exact dynamic range on the faceplate.

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	
Specifications	
PARAMETER	VALUE
Model Ordering Code	FG-720-034U
Wavelengths	1550 nm and 1625 nm
Ultra Example Dynamic Range Family	50/50 dB class
Metro Example Dynamic Range Family 1310/1550	35/38 dB (FG-720-023M)
Core Example Dynamic Range Family 1310/1550	45/43 dB (FG-720-023L)
Local Optical Ports	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 (1 billion on request)
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PARAMETER	VALUE
Certifications	CE CSA-UL RoHS
Form Factor	1U remote OTDR unit

Notes

From EXFO Fiber Guardian remote test unit specification sheet SPFIBERGUARDIAN.4AN. 034U maps to 1550/1625 nm ultra ordering on the FG-720 family; confirm exact dynamic range on the faceplate.

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.