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Data Sheet

August 14, 2026

EXFO

Exfo FG-720-023L 1310, 1550 OTDR

The EXFO FG-720-023L is a stand-alone remote Optical Time Domain Reflectometer engineered for continuous monitoring and fault detection across dual-wavelength optical fiber networks. Operating at 1310 nm and 1550 nm, this Fiber Guardian unit delivers 45 dB dynamic range at 1310 nm and 43 dB at 1550 nm (based on 3-minute average, 20 μ s pulse width). The system supports four distinct testing modes: manual unplanned tests, on-demand testing triggered by fault conditions, scheduled testing at user-defined intervals, and 24/7 monitoring that captures fault-related events only. Dynamic Range: 45 dB @ 1310 nm; 43 dB @ 1550 nm (3-minute average, 20 μ s pulse width; NZDSF G.655 fiber: 43 dB @ 1550 nm) Dry-contact relay for subsystem fault indication with battery backup during power loss Aumictech offers NIST-traceable calibration and repair for the Exfo FG-720-023L. Calibration covers distance



MODEL

Exfo FG-720-023L

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FG-720-023L

LISTING

<https://aumictechlabs.com/products/fg-720-023l-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

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conditions, scheduled testing at user-defined intervals, and 24/7 monitoring that captures fault-related events only. Technical Specifications Model: FG-720-023L Wavelengths: 1310 nm, 1550 nm Dynamic Range: 45 dB @ 1310 nm; 43 dB @ 1550 nm (3-minute average, 20 μ s pulse width; NZDSF G.655 fiber: 43 dB @ 1550 nm) Operating Temperature: 0 °C to 50 °C Scan Resolution: 1 m Data Storage: 80 GB local capacity with RAID protection Physical Dimensions: 44 mm H $\times$ 427 mm W $\times$ 312 mm D Weight: 13 kg Certifications: CE, CSA-UL, RoHS Key Features SMS-triggered test-on-demand and SMS alerting for fault conditions Peak-level monitoring with degradation measurement capability Learning function optimizes fault-detection thresholds; season-change management Multitasking test architecture supports multiple concurrent users Dry-contact relay for subsystem fault indication with battery backup during power loss Auto-discovery and auto-provisioning functions LAN notification agent delivers alerts to any networked PC Typical Applications Proactive optical fiber plant monitoring and characterization Unplanned fault detection and rapid incident response Long-term network degradation tracking via scheduled and continuous testing Remote site deployment with autonomous alarm management Compatibility & Integration The FG-720-023L integrates into EXFO's NQMSfiber centralized platform, scaling without unit modification. NQMSfiber provides network operations, alarm management, reporting, trouble-ticket workflow, and status visualization.

FG720023L Characteristics / Specifications

PARAMETER	VALUE
Model Ordering Code	FG-720-023L
Wavelengths	1310 nm and 1550 nm
Core Example Dynamic Range 1310/15	45/43 dB
Metro Example Dynamic Range Family 1310/15	35/38 dB (FG-720-023M)
Ultra Example Dynamic Range Family	50/50 dB class (FG-720-023U)
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
Form Factor	1U remote OTDR unit

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
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 for FG-720-023L core ordering. Confirm exact wavelengths and dynamic ranges 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	
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Notes
From EXFO Fiber Guardian remote test unit specification sheet SPFIBERGUARDIAN.4AN for FG-720-023L core ordering. Confirm exact wavelengths and dynamic ranges 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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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.