

**Aumictech**

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Data Sheet

August 14, 2026

EXFO

Exfo FG-720-023U 1550 OTDR

The Exfo FG-720-023U is an Optical Time Domain Reflectometer (OTDR) operating at 1550 nm, purpose-built for testing and troubleshooting optical fiber networks. It delivers precise measurements of fiber length, attenuation, splice loss, connector loss, and reflection characteristics - essential data for fiber optic installation, maintenance, and repair operations. This instrument serves enterprise-level network operations and laboratory environments where accurate characterization of fiber infrastructure is critical. Reflection measurement The FG-720-023U provides high-precision measurements across these parameters, enabling detailed fault location and event characterization in optical fiber links. Aumictech offers NIST-traceable calibration and repair for the Exfo FG-720-023U. Calibration covers distance accuracy verified against a calibrated fiber length reference, event loss measurem



MODEL

Exfo FG-720-023U

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FG-720-023U

LISTING

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

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

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accurate characterization of fiber infrastructure is critical. Technical Specifications Operating Wavelength: 1550 nm (singlemode) Measurement Capabilities: Fiber length measurement Total and per-unit-length attenuation measurement Splice loss measurement Connector loss measurement Reflection measurement The FG-720-023U provides high-precision measurements across these parameters, enabling detailed fault location and event characterization in optical fiber links. Key Features Singlemode operation at 1550 nm wavelength ensures compatibility with long-haul and metro optical networks. The instrument's measurement suite covers the primary parameters required for comprehensive fiber diagnostics and network troubleshooting. Typical Applications Fiber optic cable installation and commissioning Network maintenance and diagnostics Splice and connector performance verification Fault location and event characterization Enterprise and carrier network testing Compatibility & Integration The FG-720-023U integrates into standard fiber optic test workflows. Specific connector types, data transfer protocols, and interface details are available through detailed technical documentation.

FG720023U Characteristics / Specifications

PARAMETER	VALUE
Model Ordering Code	FG-720-023U
Ultra Example Dynamic Range	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)
Wavelength Family Class	per FG-720-023x ordering map
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
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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-720-023U ultra 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-720-023U ultra 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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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.