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Data Sheet

August 14, 2026

EXFO

Exfo FOT-922X Automated Loss/Return Loss Test Set

The EXFO FOT-922X Automated Loss/Return Loss Test Set is a portable, integrated instrument that combines multiple optical fiber characterization functions into a single unit. It performs bidirectional loss testing, optical return loss measurement, light sourcing, and power detection - eliminating the need for separate devices in field and laboratory environments. The FOT-922X supports fiber links ranging from traditional systems to high-speed OC-48 and OC-192 networks. Dual-wavelength capability: 1310 nm and 1550 nm (1625 nm available in select configurations) Detector wavelengths from 780 nm to 1625 nm (configuration-dependent) Optical Return Loss (ORL) Testing Critical for high-data-rate systems sensitive to backreflection effects Visual Fault Locator



MODEL

Exfo FOT-922X

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FOT-922X

LISTING

<https://aumictechlabs.com/products/fot-922x-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

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supports fiber links ranging from traditional systems to high-speed OC-48 and OC-192 networks.

Technical Specifications

Automated Bidirectional Loss Testing Measures single-fiber loss bidirectionally at two wavelengths Test completion in under 30 seconds Reduces operator error and training requirements

Light Source Dual-wavelength capability: 1310 nm and 1550 nm (1625 nm available in select configurations) Single-port transmission of one or two wavelengths simultaneously

Power Meter Measurement range up to +35 dBm with Ultra-High-Power™ capability

Detector wavelengths from 780 nm to 1625 nm (configuration-dependent)

Optical Return Loss (ORL) Testing Optical Continuous Wave Reflectometer (OCWR) method Critical for high-data-rate systems sensitive to backreflection effects

Visual Fault Locator 650 nm integrated VFL Fault detection range up to 5 km Identifies breaks, bends, faulty connectors, and splice defects

Data Management Non-volatile storage: 512 fiber records RS-232 interface for PC and portable printer connectivity Compatible with EXFO ToolBox 6 software for report generation

Configurable Pass/Fail thresholds per wavelength with alarm indication

Key Features FasTesT™ automated bidirectional loss measurement Optional full-duplex digital talk set for remote communication Flexible connector compatibility on detector and FasTesT ports Single-unit solution reduces field kit complexity

Typical Applications OC-48 and OC-192 system commissioning and maintenance Fiber link loss and return loss characterization Cable installation acceptance testing Fault location and troubleshooting

Compatibility & Integration Data export via RS-232 supports integration with EXFO ToolBox 6 for comprehensive documentation and analysis of optical network performance.

FOT922X Characteristics / Specifications

PARAMETER	VALUE
Instrument Family	EXFO FOT-922X OLTS
Functions	optical source and power meter loss test
Wavelengths Class	dual wavelength telecom class
Fiber Type Class	singlemode and/or multimode by configuration
Loss Measurement	insertion loss via reference
Power Meter Range Class	wide dynamic range class
Source Output Power Class	stabilized source class
Display	handheld digital display
Form Factor	handheld
Battery Powered	yes
Connector Interface	interchangeable adapters class
Tone Detection Class	yes on FOT-900 family
Auto Wavelength Recognition Class	configuration dependent
Storage	results memory class
Operating Temperature Class	field handheld
Series Family	EXFO FOT-900
Related Models	FOT-920 FOT-930 class siblings
Calibration	source and PM wavelength tables
Manufacturer	per instrument faceplate branding
Documentation Basis	OEM datasheet or operating manual family
Specification Ambient Class	23 C class unless otherwise stated
Calibration Traceability Class	standards laboratory traceable class
Operating temperature	Class: field handheld
Fiber type	Class: singlemode and/or multimode by configuration

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: field handheld
Operating Temperature	Class: field handheld
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Series Family	EXFO FOT-900
Related Models	FOT-920 FOT-930 class siblings
Calibration	source and PM wavelength tables
Manufacturer	per instrument faceplate branding
Documentation Basis	OEM datasheet or operating manual family
Specification Ambient Class	23 C class unless otherwise stated
Calibration Traceability Class	standards laboratory traceable class Notes Identity and capability rows from EXFO FOT-900 / FOT-922X family literature. Confirm exact wavelengths detector type and accuracy on the unit datasheet and calibration certificate.

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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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.