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Data Sheet

August 14, 2026

EXFO

Exfo FOT-92A-RS Optical Power Meter

The EXFO FOT-92A-RS is a handheld optical power meter engineered for precise measurement across fiber optic networks. It delivers accurate power readings from +10 dBm to -70 dBm across a broad wavelength range, making it essential for installation, maintenance, and troubleshooting tasks in single-mode and multimode fiber systems. Data storage: up to 400 automatic readings at programmable intervals or 512 manual readings FastTest mode integration reduces measurement error and accelerates fiber loss assessment when paired with compatible light sources (FLS-210A or FLS-210B) Interchangeable optical adapters support FC, SC, ST, LC, Biconic, D4, SMA/905, SMA/906, and Radiall VFO/DF connectors



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MODEL

Exfo FOT-92A-RS

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FOT-92A-RS

LISTING

<https://aumictechlabs.com/products/fot-92a-rs-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The EXFO FOT-92A-RS is a handheld optical power meter engineered for precise measurement across fiber optic networks. It delivers accurate power readings from +10 dBm to -70 dBm across a broad wavelength range, making it essential for installation, maintenance, and troubleshooting tasks in single-mode and multimode fiber systems. Technical Specifications Detector: Germanium (Ge) Wavelength Range: 780 nm to 1600 nm Measurement Range: +10 dBm to -70 dBm Accuracy: ± 0.2 dB Resolution: ± 0.01 dB Linearity: ± 0.02 dB Fiber Compatibility: Single-mode, multimode Operating Temperature: 0°C to 50°C Dimensions: 22 cm $\times$ 11 cm $\times$ 5 cm Weight: 0.96 kg Key

Features Automatic wavelength recognition streamlines field measurements 2 kHz signal detection capability for fiber identification LCD display provides real-time optical power readings Data storage: up to 400 automatic readings at programmable intervals or 512 manual readings FasTest mode integration reduces measurement error and accelerates fiber loss assessment when paired with compatible light sources (FLS-210A or FLS-210B) Interchangeable optical adapters support FC, SC, ST, LC, Biconic, D4, SMA/905, SMA/906, and Radiall VFO/DF connectors RS-232C interface enables data download, analysis, export, and print functions Power Management Rechargeable NiCd battery (up to 16 hours operation with backlight off) 9 V alkaline battery backup AC adapter/charger included Typical Applications Fiber optic network installation, system maintenance, loss measurement verification, and field troubleshooting across telecommunications infrastructure. Compatibility & Integration The RS-232C interface integrates with analysis software for remote data management. Connector adapter options accommodate legacy and modern fiber terminations. FasTest capability synergizes with EXFO light sources for accelerated loss testing protocols.

FOT92ARS Characteristics / Specifications

PARAMETER	VALUE
Model	FOT-92A-RS
Base Model	FOT-92A
Detector	Ge 2 mm
Series	FOT-90A
Wavelength Range	780 to 1625 nm
Resolution	0.01 dB
Size HxWxD	22 × 11 × 5 cm
Compatible Sources	FLS-210A or FLS-210B
Automation	wavelength recognition and loss store
Related GeX Model	FOT-92AX
Related InGaAs Model	FOT-93A
Uncertainty Class	plus or minus 5 percent to plus or minus 6.5 percent by configuration
Linearity Class	plus or minus 0.01 to plus or minus 0.02 dB by configuration
Form Factor	handheld splashproof field unit
Display	backlit LCD
Powering	AC adapter/charger and batteries
Primary Use	power and loss testing of fiber links
Operating Temperature	minus 10 C to 50 C class
Storage Temperature	minus 20 C to 60 C class
Relative Humidity	0 percent to 95 percent non-condensing
Ultra High Power Sibling Class	FOT-93AX P1/P2
Humidity	0 percent to 95 percent non-condensing

FOT92ARS Specifications

PARAMETER	VALUE
Key Features	Ge detector FOT-92A base
RS option for remote/storage workflows	Automated wavelength recognition with FLS-210A/B
Technical Specifications	Model: FOT-92A-RS

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	minus 20 C to 60 C class
Operating temperature	minus 10 C to 50 C class
Operating Temperature	minus 10 C to 50 C class
Humidity	0 percent to 95 percent non-condensing
Relative Humidity	0 percent to 95 percent non-condensing
Ultra High Power Sibling Class	FOT-93AX P1/P2 Notes From EXFO FOT-90A series configuration summaries for FOT-92A with RS option coding. Confirm exact Ge power-range window and RS feature set on the unit datasheet.

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	F0T-92A-RS
Base Model	F0T-92A
Detector	Ge 2 mm
Series	F0T-90A
Wavelength Range	780 to 1625 nm
Resolution	0.01 dB
Size HxWxD	22 x 11 x 5 cm
Compatible Sources	FLS-210A or FLS-210B
Automation	wavelength recognition and loss store
Related GeX Model	F0T-92AX
Related InGaAs Model	F0T-93A
Uncertainty Class	plus or minus 5 percent to plus or minus 6.5 percent by configuration
Linearity Class	plus or minus 0.01 to plus or minus 0.02 dB by configuration
Form Factor	handheld splashproof field unit
Display	backlit LCD
Powering	AC adapter/charger and batteries
Option Code Meaning: RS remote/storage oriented configuration	
Specifications	
PARAMETER	VALUE
Primary Use	power and loss testing of fiber links
Operating Temperature	minus 10 C to 50 C class
Storage Temperature	minus 20 C to 60 C class
Relative Humidity	0 percent to 95 percent non-condensing
Ultra High Power Sibling Class	F0T-93AX P1/P2

Notes

From EXFO FOT-90A series configuration summaries for FOT-92A with RS option coding. Confirm exact Ge power-range window and RS feature set on the unit datasheet.

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.