

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

EXFO

Exfo FOS-125A LED Light Source

The Exfo FOS-125A is a portable LED light source purpose-built for fiber optic network installation and maintenance in field environments. It delivers stable output across dual wavelengths with switchable continuous wave and modulated signal modes, enabling both power/loss measurements and fiber identification tasks. The instrument combines compact dimensions with extended battery runtime, making it practical for technicians working across diverse site conditions. Compatibility & Integration The FOS-125A integrates with EXFO's ecosystem of optical test instruments via the Universal Interface, allowing pairing with compatible power meters and optical loss test sets. Included connector set (SC, ST, FC) supports standard industry fiber terminations. Aumictech offers NIST-traceable calibration and repair for the Exfo FOS-125A. Calibration covers output power at specified wavelengths, wavel



MODEL

Exfo FOS-125A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FOS-125A

LISTING

<https://aumictechlabs.com/products/fos-125a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Exfo FOS-125A is a portable LED light source purpose-built for fiber optic network installation and maintenance in field environments. It delivers stable output across dual wavelengths with switchable continuous wave and modulated signal modes, enabling both power/loss measurements and fiber identification tasks. The instrument combines compact dimensions with extended battery runtime, making it practical for technicians working across diverse site

conditions. Technical Specifications Optical Performance Wavelengths: 1310 nm and 1550 nm Spectral Width: 70 nm FWHM (both wavelengths) Launch Power (typical): – 9/125 μ m fiber: -7 dBm – 50/125 μ m fiber: -20 dBm Signal Modes Continuous Wave (CW) for power and loss measurements 2 kHz modulated signal for fiber identification Power Supply 9 V battery or standard AC adapter Battery runtime: minimum 7 hours continuous operation Auto-off timer: 10 minutes Physical & Mechanical Dimensions: 22.2 cm (H) $\times$ 10.3 cm (W) $\times$ 5.9 cm (D) Weight: 0.6 kg Shockproof PVC holster with carrying strap included Rigid carrying case provided Key Features EXFO Universal Interface for direct connection to compatible detectors Dual-wavelength operation addresses both short-reach and long-haul fiber testing Field-optimized form factor and protective accessories reduce setup time Battery-backed operation with extended hold time supports remote installations Typical Applications Fiber optic cable plant commissioning Maintenance and troubleshooting of installed networks Power loss budgeting during system design validation Non-destructive fiber identification in congested ducts or cable trays Compatibility & Integration The FOS-125A integrates with EXFO's ecosystem of optical test instruments via the Universal Interface, allowing pairing with compatible power meters and optical loss test sets. Included connector set (SC, ST, FC) supports standard industry fiber terminations.

Features & description

From manufacturer datasheet

Features

- Dual wavelength 1310 nm and 1550 nm on two output ports
- CW and 2 kHz modulation for fiber ID
- Dual powering: 9 V battery and AC adapter/charger
- Auto-off with 10-minute timer
- Rigid carrying case and shockproof holster with strap
- Universal Interface connector options on FOS-125A
- Compatible with EXFO handheld power meters

Applications

- End-to-end optical power and loss testing at 1310/1550 nm
- Continuity checks with handheld power meters
- Fiber identification using 2 kHz tone
- Singlemode and multimode field installation and maintenance
- Paired source/meter loss testing with FOT-10A/FOT-20A class meters

FOS125A Characteristics / Specifications

PARAMETER	VALUE
Model	FOS-125A
Manufacturer	EXFO
Instrument Type	Dual Wavelength LED Light Source
Alias	FOS-120A series FOS-125A; 1310/1550 nm two-port source
Wavelength port A	1310 ± 30 nm
Wavelength port B	1550 ± 30 nm
Spectral width typical	70 nm / 70 nm FWHM
Power stability 1 h	±0.06 dB / ±0.08 dB at ±1 C
Power stability 8 h	±0.10 dB / ±0.12 dB at ±1 C
Output ports	2
Modulation	CW and 2 kHz
Battery type	9 V
Battery life continuous	minimum 7 hours
Auto off timer	10 minutes
Size	22.2 cm x 10.3 cm x 5.9 cm
Weight unit	0.6 kg
Weight shipping	1.8 kg
Operating temperature	-10 C to 50 C
Laser safety class	Class 1 LED product per IEC 60825-1
Connector options class	FC/PC; SC/PC; ST/PC; EI-EUI universal adapters
Universal interface example	EI-EUI-89 UPC/FC narrow key
Included accessories class	user guide; carrying case; 9 V battery; AC adapter; holster; strap; Certificate of Compliance
Discontinued date family	2004-07-04
End of service family	2010-06-30

PARAMETER	VALUE
Compatible meters class	FOT-10A; FOT-20A Notes Specs from EXFO FOS-120A/FLS-130A light source datasheet (FOS-125A column). Confirm connector code and launch-power verification on the unit faceplate/calibration certificate.
Dual powering	9 V battery and AC adapter/charger
Power stability	1 h: ± 0.06 dB / ± 0.08 dB at ± 1 C

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	10 C to 50 C
Operating Temperature	10 C to 50 C
Laser safety class	Class 1 LED product per IEC 60825-1
Connector options class	FC/PC; SC/PC; ST/PC; EI-EUI universal adapters
Universal interface example	EI-EUI-89 UPC/FC narrow key
Included accessories class	user guide; carrying case; 9 V battery; AC adapter; holster; strap; Certificate of Compliance
Discontinued date family	2004-07-04
End of service family	2010-06-30
Compatible meters class	FOT-10A; FOT-20A Notes Specs from EXFO FOS-120A/FLS-130A light source datasheet (FOS-125A column). Confirm connector code and launch-power verification on the unit faceplate/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	
Specifications	
PARAMETER	VALUE
Model	FOS-125A
Manufacturer	EXFO
Instrument Type	Dual Wavelength LED Light Source
Alias	FOS-120A series FOS-125A; 1310/1550 nm two-port source
Wavelength port A	1310 ± 30 nm
Wavelength port B	1550 ± 30 nm
Spectral width typical	70 nm / 70 nm FWHM
Launch power 9/125 µm: -20 dBm / -25 dBm typical	
Launch power 50/125 µm: -20 dBm / -25 dBm typical	
Launch power 62.5/125 µm: -20 dBm / -25 dBm typical	
Specifications	
PARAMETER	VALUE
Power stability 1 h	±0.06 dB / ±0.08 dB at ±1 C
Power stability 8 h	±0.10 dB / ±0.12 dB at ±1 C
Output ports	2
Modulation	CW and 2 kHz
Battery type	9 V
Battery life continuous	minimum 7 hours
Auto off timer	10 minutes
Size	22.2 cm x 10.3 cm x 5.9 cm
Weight unit	0.6 kg
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Laser safety class	Class 1 LED product per IEC 60825-1
Connector options class	FC/PC; SC/PC; ST/PC; EI-EUI universal adapters
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PARAMETER	VALUE
Included accessories class	user guide; carrying case; 9 V battery; AC adapter; holster; strap; Certificate of Compliance
Discontinued date family	2004-07-04
End of service family	2010-06-30
Compatible meters class	FOT-10A; FOT-20A

Notes
Specs from EXFO FOS-120A/FLS-130A light source datasheet (FOS-125A column). Confirm connector code and launch-power verification on the unit faceplate/calibration certificate.

Laser Safety

Laser safety class: Class 1 LED product per IEC 60825-1 Connector options class: FC/PC; SC/PC; ST/PC; EI-EUI universal adapters Universal interface example: EI-EUI-89 UPC/FC narrow key Included accessories class: user guide; carrying case; 9 V battery; AC adapter; holster; strap; Certificate of Compliance Discontinued date family: 2004-07-04 End of service family: 2010-06-30 Compatible meters class: FOT-10A;

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.