

**Aumictech**

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Data Sheet

August 13, 2026

EXFO

Exfo FLS-135A Singlemode Light Source

Key Features - Dual wavelength 1310 nm and 1550 nm on two ports - Launch power about -7 dBm into 9/125, 50/125 and 62.5/125 μ m - Spectral width ≤ 5 nm - Stability ± 0.06 dB (1 h) / ± 0.10 dB (8 h) at 1310 nm - CW and 2 kHz identification tone - EXFO Universal Interface - 9 V battery and AC adapter/charger - Auto-off power saving

Technical Specifications Model: FLS-135A Manufacturer: EXFO Instrument Type: Handheld Dual Port Laser Source Family: FLS-130A Wavelength 1 nm: 1310 ± 20 Wavelength 2 nm: 1550 ± 20 Spectral width nm: ≤ 5 / ≤ 5 Emitter type: laser Launch power 9/125 μ m dBm: -7 / -7 Launch power 50/125 μ m dBm: -7 / -7 Launch power 62.5/125 μ m dBm: -7 / -7 Power stability 1 h dB: ± 0.06 / ± 0.08 Power stability 8 h dB: ± 0.10 / ± 0 .



MODEL

Exfo FLS-135A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FLS-135A

LISTING

<https://aumictechlabs.com/products/fls-135a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The EXFO FLS-135A is a portable singlemode light source engineered for fiber optic network certification, troubleshooting, and loss measurements. Dual-wavelength operation at 1310 nm and 1550 nm minimizes connector handling and accelerates field testing cycles. The instrument outputs continuous wave (CW) signals for power and loss measurements, plus 2 kHz modulation for fiber identification. Two output ports accommodate SC/PC or UPC/FC connectors. Technical Specifications Wavelengths: 1310 nm and 1550 nm Fiber Type: Singlemode Output Ports: 2

Connector Options: SC/PC or UPC/FC Signal Modes: CW (continuous wave) and 2 kHz modulation Laser Safety: Compliant with 21 CFR 1040.10 and IEC-60825-1

Key Features

- Dual-wavelength platform reduces test time and eliminates redundant connections
- Stable, precise optical output across operating range
- 9 V battery operation with minimum 7-hour runtime
- Auto-shutoff timer (10 minutes) extends battery life
- AC adapter powering option for extended deployment
- Compact dimensions: 22.2 cm H × 10.3 cm W × 5.9 cm D
- Weight: 0.6 kg for field portability

Typical Applications

- Fiber loss and attenuation certification
- Network continuity verification
- Field troubleshooting of singlemode installations
- Acceptance testing of deployed fiber systems

Compatibility & Integration

The FLS-135A integrates with EXFO power meters, including the FOT-10A and FOT-20A series, forming complete loss measurement systems. The instrument ships with user guide, carrying case, 9 V battery, AC adapter, protective holster, shoulder strap, and Certificate of Compliance.

Features & description

From manufacturer datasheet

Features

- Dual wavelength 1310 nm and 1550 nm on two ports

FLS135A Characteristics / Specifications

PARAMETER	VALUE
Model	FLS-135A
Manufacturer	EXFO
Instrument Type	Handheld Dual Port Laser Source
Family	FLS-130A
Wavelength 1 nm	1310 +/-20
Wavelength 2 nm	1550 +/-20
Spectral width nm	<=5 / <=5
Emitter type	laser
Launch power 9/125 um dBm	-7 / -7
Launch power 50/125 um dBm	-7 / -7
Launch power 62.5/125 um dBm	-7 / -7
Power stability 1 h dB	+/-0.06 / +/-0.08
Power stability 8 h dB	+/-0.10 / +/-0.12
Output ports	2
Output modes	CW; 2 kHz tone
Interface	EXFO Universal Interface
Powering	9 V battery; AC adapter/charger
Auto off	yes
Sibling FLS 132A	1310 nm single
Sibling FLS 133A	1550 nm single
Sibling FLS 136A	1310/1550 nm single port (-8 dBm typical)
Connector examples	50 FC/PC; 54 SC/PC; EI-EUI-89 FC
Size family typical	handheld FLS-130A form
Alias	FLS135A
Companion meters	FOT-10A; FOT-20A Notes Specs from EXFO FOS-120A/FLS-130A OEM datasheet for FLS-135A. Confirm connector code on the unit. FLS-136A

PARAMETER

VALUE

is the single-port dual-wavelength sibling with slightly lower launch power.

Power stability

1 h dB: +/-0.06 / +/-0.08

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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Specifications

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Notes

Specs from EXFO FOS-120A/FLS-130A OEM datasheet for FLS-135A. Confirm connector code on the unit. FLS-136A is the single-port dual-wavelength sibling with slightly lower launch power.

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.