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Data Sheet

August 13, 2026

EXFO

Exfo FLS-136A Laser Source

Instrument Type: Handheld Dual Wavelength Laser Source Alias: FLS136A; FLS-130A single-port dual wavelength Spectral width: ≤ 5 nm (rms) each wavelength Output modes: CW; 2 kHz identification tone Alias: FLS136A; FLS-130A single-port dual wavelength Spectral width: ≤ 5 nm (rms) each wavelength Output modes: CW; 2 kHz identification tone Laser safety: Class 1 laser product (21 CFR 1040.10; IEC 60825-1)



MODEL

Exfo FLS-136A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FLS-136A

LISTING

<https://aumictechlabs.com/products/fls-136a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Exfo FLS-136A is a compact laser source engineered for precise optical loss measurements and network system evaluation across critical telecommunications wavelengths. It delivers continuous wave (CW) signals for power and loss measurements, plus 2 kHz modulation for fiber identification. The unit integrates directly with power meters and OTDRs in laboratory and field settings, supporting dual-wavelength operation and multiple connector types via EXFO's Universal Interface. Technical Specifications Wavelengths: 1310 nm and 1550 nm (dual-wavelength configuration) Output Signal: Continuous wave (CW) for loss and power measurements; 2 kHz signal generation for fiber identification Optical Output Power: Launch power varies by fiber type (9/125 μm : -25 dBm at 1550 nm; 50/125 μm : -20/-25 dBm at 1310/1550 nm; 62.5/125 μm specifications available) Connector Options: SC, ST, and FC adapters supplied; EXFO Universal

InterfaceKey Features Dual power options: 9 V battery or AC adapter Battery runtime: minimum 7 hours continuous operation Auto-off timer: 10 minutes for extended field deployments Compact form factor with shockproof PVC holster and carrying strap Durable field-rated casingTypical Applications Component-level optical testing Network verification and loss measurements Fiber identification in installed systems Laboratory and field troubleshootingCompatibility & Integration The FLS-136A connects directly to EXFO power meters and OTDR instruments through its Universal Interface, enabling integrated test workflows without adapter complications.

Features & description

From manufacturer datasheet

Features

- Dual wavelength on one port (1310/1550 nm)

Applications

- End-to-end optical loss testing at 1310/1550 nm

FLS136A Characteristics / Specifications

PARAMETER	VALUE
Model	FLS-136A
Manufacturer	EXFO
Instrument Type	Handheld Dual Wavelength Laser Source
Alias	FLS136A; FLS-130A single-port dual wavelength
Wavelength 13	1310 ±20 nm
Wavelength 15	1550 ±20 nm
Spectral width	≤5 nm (rms) each wavelength
Launch power 9/125 um	-8 / -8 dBm
Launch power 50/125 um	-8 / -8 dBm
Launch power 62.5/125 um	-8 / -8 dBm
Power stability 1 h	±0.06 / ±0.08 dB
Power stability 8 h	±0.10 / ±0.12 dB
Output ports	1
Output modes	CW; 2 kHz identification tone
Battery	9 V
AC adapter	yes
Battery life	minimum 7 hours continuous
Auto off timer	10 minutes
Size	22.2 cm x 10.3 cm x 5.9 cm
Weight unit	0.6 kg (1.4 lb)
Weight shipping	1.8 kg (4 lb)
Operating temperature	-10 C to 50 C
Laser safety	Class 1 laser product (21 CFR 1040.10; IEC 60825-1)
Connector options	FC/PC; SC/PC; ST/PC; Universal Interface variants
Companion meters	FOT-10A; FOT-20A

PARAMETER	VALUE
Family siblings	FLS-132A; FLS-133A; FLS-135A (two ports)
Form	handheld field laser source Notes Specs from EXFO FOS-120A/FLS-130A datasheet FLS-136A column. Confirm connector code (50/54/74 or EI-EUI-xx) on the faceplate.
Power stability	1 h: ± 0.06 / ± 0.08 dB

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	10 C to 50 C
Operating Temperature	10 C to 50 C
Laser safety	Class 1 laser product (21 CFR 1040.10; IEC 60825-1)
Connector options	FC/PC; SC/PC; ST/PC; Universal Interface variants
Companion meters	FOT-10A; FOT-20A
Family siblings	FLS-132A; FLS-133A; FLS-135A (two ports)
Form	handheld field laser source Notes Specs from EXFO FOS-120A/FLS-130A datasheet FLS-136A column. Confirm connector code (50/54/74 or EI-EUI-xx) 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	
Specifications	
PARAMETER	VALUE
Model	FLS-136A
Manufacturer	EXFO
Instrument Type	Handheld Dual Wavelength Laser Source
Specifications	
PARAMETER	VALUE
Alias	FLS136A; FLS-130A single-port dual wavelength
Wavelength 1310	1310 ±20 nm
Wavelength 1550	1550 ±20 nm
Specifications	
PARAMETER	VALUE
Spectral width	≤5 nm (rms) each wavelength
Launch power 9/125 um	-8 / -8 dBm
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Power stability 8 h	±0.10 / ±0.12 dB
Specifications	
PARAMETER	VALUE
Output ports	1
Output modes	CW; 2 kHz identification tone
Battery	9 V

Specifications

PARAMETER	VALUE
AC adapter	yes
Battery life	minimum 7 hours continuous
Auto off timer	10 minutes

Specifications

PARAMETER	VALUE
Size	22.2 cm x 10.3 cm x 5.9 cm
Weight unit	0.6 kg (1.4 lb)
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Specifications

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Operating temperature	-10 C to 50 C
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Specifications

PARAMETER	VALUE
Companion meters	FOT-10A; FOT-20A
Family siblings	FLS-132A; FLS-133A; FLS-135A (two ports)
Form	handheld field laser source

Notes

Specs from EXFO FOS-120A/FLS-130A datasheet FLS-136A column. Confirm connector code (50/54/74 or EI-EUI-xx) on the faceplate.

Laser Safety

Laser safety: Class 1 laser product (21 CFR 1040.10; IEC 60825-1) Connector options: FC/PC; SC/PC; ST/PC; Universal Interface variants Companion meters: FOT-10A; FOT-20A Family siblings: FLS-132A; FLS-133A; FLS-135A (two ports) Form: handheld field laser source Notes Specs from EXFO FOS-120A/FLS-130A datasheet FLS-136A column. Confirm connector code (50/54/74 or EI-EUI-xx) 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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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.