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Data Sheet

August 13, 2026

FLUKE NETWORKS

Fluke Networks LS-1310/1550 SM Optical Source

The Fluke Networks LS-1310/1550 is a single-mode optical source designed for testing and troubleshooting fiber optic networks. It emits stable and accurate light signals at 1310 nm and 1550 nm wavelengths, essential for verifying fiber continuity, measuring link loss, and identifying faults in single-mode fiber cables. Ideal for field technicians and network engineers.



MODEL

**Fluke Networks
LS-1310/1550**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

LS-1310/1550

LISTING

<https://aumictechlabs.com/products/ls-1310-1550-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Fluke Networks LS-1310/1550 SM Optical Source is a single-mode fiber optic light source that delivers stable, accurate light signals at 1310 nm and 1550 nm for field testing and network validation. It enables fiber continuity verification, link loss measurements, fault identification, and Far End Source mode testing across single-mode fiber optic cables and networks. Technical Specifications Wavelengths: 1310 nm, 1550 nm Fiber Type: Single-mode (SM) Output: Continuous Wave (CW) stable light signals Operation Mode: Far End Source mode compatible with Fluke Networks OptiFiber® and SimpliFiber® systems Warm-up Time: 5 minutes recommended for accurate measurements Key Features Dual-wavelength operation across critical telecom bands Compatible with all Fluke Networks fiber optic power meters and test adapters Works with third-party optical power meters capable of measuring 1310 nm and 1550 nm wavelengths Integrates with OptiFiber® testers for loss testing in Far End Source mode Supplied with single-mode ST-ST

fiber cables, user manual on CD-ROM, and carrying case

Typical Applications

Testing and troubleshooting single-mode fiber optic networks

Verifying fiber continuity on individual fibers

Performing link loss measurements

Identifying faults in single-mode fiber optic cables

Fiber optic link verification

Far End Source mode measurements for power loss assessment

Compatibility & Integration

Designed for use with the complete Fluke Networks fiber testing ecosystem, including OptiFiber® testers, SimpliFiber® sources, and all Fluke Networks fiber optic power meters. The instrument operates with standard fiber test adapters and accommodates optical power meters from other manufacturers that support 1310 nm and 1550 nm measurement.

Features & description

From manufacturer datasheet

Features

- Dual-wavelength SM laser source • Adjustable CW output power class • Single-mode ST optical connector • Low-battery and source-active indicators
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Applications

- Single-mode fiber loss testing with an optical power meter • 1310/1550 nm dual-wavelength link characterization • Field fiber troubleshooting

LS13101550 Characteristics / Specifications

PARAMETER	VALUE
Model	LS-1310/1550
Manufacturer	Fluke Networks
Instrument Type	SM Optical Source
Alias	LS-1310/1550; Fluke Networks LS-1310/1550
Emitter type	Laser
Laser classification	Class 1
Output wavelengths	1310 nm +/-20 nm; 1550 nm +/-30 nm
Output connector	Single-mode ST
Output power (CW)	-10 dBm (100 uW) adjustable
Accuracy ambient	18 degC to 28 degC; RH to 90%; 1 year after calibration
Operating temperature	0 degC to 40 degC
Storage temperature	-10 degC to +60 degC
Power source	9 V battery
Battery life	16 hours typical (alkaline)
Size	17.4 cm x 7.6 cm x 3.8 cm
Weight	266 g
Indicators	SOURCE ACTIVE LED; LOW BATTERY LED
Safety	ANSI/ISA S82.01-1994; CSA C22.2 No. 1010.1; EN61010.1:1993 class Notes Specs from Fluke Networks LS-1310/1550 service information sheet. Use SM patch cords for calibration; MM cords cause errors.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	10 degC to +60 degC
Operating temperature	0 degC to 40 degC
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Power source	9 V battery
Battery life	16 hours typical (alkaline)
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Safety	ANSI/ISA S82.01-1994; CSA C22.2 No. 1010.1; EN61010.1:1993 class Notes Specs from Fluke Networks LS-1310/1550 service information sheet. Use SM patch cords for calibration; MM cords cause errors.

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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<https://aumictechlabs.com>

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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.