

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

EXFO

Exfo LFD-202P Live Fiber Detector

Key Features - High-power core power display vs standard LFD-202 - Macrobending detection without opening the fiber - Tone receiver 270 Hz / 1 kHz / 2 kHz - Traffic, type and direction status LEDs - HI/LO indicators outside valid core-power window - Three interchangeable adapter heads - Hands-free Hold operation - 9 V alkaline power for field use

Technical Specifications Model: LFD-202P Manufacturer: EXFO Instrument Type: High Power Live Fiber Detector Series: LFD-200 Optical tone receiver Hz: 270; 1000; 2000 Detection technique: non-destructive macrobending Insertion loss dB: <0.6 at 1310 nm typical Spectral response nm: 800 to 1650 Minimum fiber slack: 1.9 cm (3/4 in) on 202P literature (1).



MODEL

Exfo LFD-202P

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

LFD-202P

LISTING

<https://aumictechlabs.com/products/lfd-202p-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Exfo LFD-202P is a handheld live fiber detector that identifies signal presence in optical fibers without requiring disconnection or network disruption. Using non-intrusive macrobending detection, it enables technicians to verify live fiber status across single-mode and multimode installations while preserving signal integrity and fiber condition. The instrument displays relative core power, detects continuous and modulated signals, and operates across a broad spectral range with sensitivity to -40 dBm equivalent core power.

Technical Specifications Signal Detection: Continuous signals or modulated at 270 Hz, 1 kHz, and 2 kHz Core Power Range: +14

dBm to -19 dBm with over-range indicators (HI >+15 dBm, LO ←-40 dBm) Detector Sensitivity: -40 dBm equivalent core power (MDSP) Spectral Response: 800 nm to 1650 nm Fiber Slack Requirement: Minimum 1.9 cm (3/4 in) for detection Operating Temperature: -20 °C to 50 °C Storage Temperature: -40 °C to 70 °C Relative Humidity: 0% to 95% non-condensing Dimensions: 23.6 cm (H) × 3.0 cm (W) × 3.2 cm (D) Weight: 0.3 kg (0.6 lb) Power Source: 9 V alkaline battery with low battery indicator

Key Features Interchangeable adapter heads for 250 µm, 900 µm, and 3 mm fibers Optional heads available for jacketed fiber, coated fiber, and ribbon fiber configurations Hands-free operation with lockable Hold button Field-grade handheld design for mobile technician deployment Dual-window detection architecture for single-mode fibers (8 µm to 10 µm core diameter)

Typical Applications Live fiber verification in active telecommunications networks Signal presence confirmation during fiber termination and splicing Network maintenance and troubleshooting without service interruption Fiber route identification and tracing in multi-fiber installations

Compatibility & Integration The LFD-202P interfaces directly with singlemode and multimode fibers via interchangeable adapter heads, eliminating the need for external adapters or coupling modules. Standard inclusion of 250 µm, 900 µm, and 3 mm heads addresses common fiber geometries in deployed networks.

Features & description

From manufacturer datasheet

Features

- High-power core power display vs standard LFD-202

LFD202P Characteristics / Specifications

PARAMETER	VALUE
Model	LFD-202P
Manufacturer	EXFO
Instrument Type	High Power Live Fiber Detector
Series	LFD-200
Optical tone receiver Hz	270; 1000; 2000
Detection technique	non-destructive macrobending
Insertion loss dB	<0.6 at 1310 nm typical
Spectral response nm	800 to 1650
Minimum fiber slack	1.9 cm (3/4 in) on 202P literature (1.2 cm on later LFD-200 sheets)
Core power detection typical dBm	20 to -20
Core power uncertainty typical dB	+/-2
User guide display window dBm	about +4 to -19 (HI above +15; LO below -19)
Detector sensitivity MDSP dBm	-40 equivalent core power (series)
Fiber type	dual window singlemode
Core diameter um	8 to 10
Coating diameter um	250
Coating	high refractive index acrylate
Heads included	3 mm; 900 um; 250 um
SizeHxWxD	236 mm x 30 mm x 32 mm
Weight	0.3 kg
Battery	standard 9 V alkaline
Battery life	about 10000 readings (202P sheet) / about 5000 (later family sheets)
Operating temperature	-20 C to 50 C
Storage temperature	-40 C to 60 C
Humidity	0% to 90% non-condensing at 35 C

PARAMETER	VALUE
Over range indicator	yes
Hands free Hold	yes
Alias	LFD202P
Sibling LFD 202 range dBm	0 to -40
Sibling LFD 202E range dBm	23 to -50 Notes Specs from EXFO LFD-202P / LFD-200 series sheets and user guides. Display window wording differs slightly across revisions; use faceplate/manual for HI/LO thresholds. Not identical to LFD-202 or LFD-202E.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	40 C to 60 C
Operating temperature	20 C to 50 C
Operating Temperature	20 C to 50 C
Humidity	0% to 90% non-condensing at 35 C
Over range indicator	yes
Hands free Hold	yes
Alias	LFD202P
Sibling LFD 202 range dBm	0 to -40
Sibling LFD 202E range dBm	23 to -50 Notes Specs from EXFO LFD-202P / LFD-200 series sheets and user guides. Display window wording differs slightly across revisions; use faceplate/manual for HI/LO thresholds. Not identical to LFD-202 or LFD-202E.

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	LFD-202P
Manufacturer	EXFO
Instrument Type	High Power Live Fiber Detector
Specifications	
PARAMETER	VALUE
Series	LFD-200
Optical tone receiver Hz	270; 1000; 2000
Detection technique	non-destructive macrobending
Specifications	
PARAMETER	VALUE
Insertion loss dB	<0.6 at 1310 nm typical
Spectral response nm	800 to 1650
Minimum fiber slack	1.9 cm (3/4 in) on 202P literature (1.2 cm on later LFD-200 sheets)
Specifications	
PARAMETER	VALUE
Core power detection typical dBm	20 to -20
Core power uncertainty typical dB	+/-2
User guide display window dBm	about +4 to -19 (HI above +15; LO below -19)
Specifications	
PARAMETER	VALUE
Detector sensitivity MDSP dBm	-40 equivalent core power (series)
Fiber type	dual window singlemode
Core diameter um	8 to 10

Specifications

PARAMETER	VALUE
Coating diameter um	250
Coating	high refractive index acrylate
Heads included	3 mm; 900 um; 250 um

Optional heads: 2 mm; 1.6 mm

Specifications

PARAMETER	VALUE
SizeHxWxD	236 mm x 30 mm x 32 mm
Weight	0.3 kg
Battery	standard 9 V alkaline

Specifications

PARAMETER	VALUE
Battery life	about 10000 readings (202P sheet) / about 5000 (later family sheets)
Operating temperature	-20 C to 50 C
Storage temperature	-40 C to 60 C

Specifications

PARAMETER	VALUE
Humidity	0% to 90% non-condensing at 35 C
Over range indicator	yes
Hands free Hold	yes

Specifications

PARAMETER	VALUE
Alias	LFD202P
Sibling LFD 202 range dBm	0 to -40
Sibling LFD 202E range dBm	23 to -50

Notes

Specs from EXFO LFD-202P / LFD-200 series sheets and user guides. Display window wording differs slightly across revisions; use faceplate/manual for HI/LO thresholds. Not identical to LFD-202 or LFD-202E.

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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 13, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.