

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

EXFO

Exfo FOT-10

Instrument Type: Handheld Optical Power Meter Alias: FOT-10A; FOT-12A; FOT-12AX; FOT family Calibrated wavelengths: 780, 850, 1300, 1310, 1550 nm Measurement range Ge: 6 to -60 dBm (at 1300 nm) Alias: FOT-10A; FOT-12A; FOT-12AX; FOT family Calibrated wavelengths: 780, 850, 1300, 1310, 1550 nm Measurement range Ge: 6 to -60 dBm (at 1300 nm) Measurement range GeX: 21 to -50 dBm (at 1300 nm)



MODEL

Exfo FOT-10

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FOT-10

LISTING

<https://aumictechlabs.com/products/fot-10-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Exfo FOT-10A is a handheld optical power meter for fiber continuity testing, fault location, and loss measurement in field installations. Its compact, rugged design meets Telcordia drop-test requirements and operates over extended battery life, making it suitable for technicians deploying across multimode and singlemode fiber networks. The instrument provides direct loss measurement in dB alongside absolute power readings in dBm, with 2 kHz signal detection for fiber identification and electrical offset nulling for extreme temperature environments. Technical Specifications Calibrated Wavelengths: 780 nm, 850 nm, 1300 nm, 1310 nm, 1550 nm Measurement Range: -50 to +21 dBm; -60 to +6 dBm; -60 to +26 dBm (GeX detector) Resolution: ± 0.05 dB Measurement Uncertainty: $\pm 5\%$ Fiber Identification: 2 kHz signal detection Power Source: Single 9 V alkaline battery or AC adapter/charger Battery Life: Over 14 hours continuous operation Calibration: NIST traceable; custom wavelength calibration available

Features Germanium (Ge) or high-power Germanium (GeX) detector options Measurement in dBm (transmitter power) and dB (loss) Auto-off function extends battery runtime Electrical offset nulling for high-temperature operation Shockproof holster with integrated adapter and battery storage

Typical Applications Transmitter power measurements (dBm) Fiber-link loss testing (dB) Component insertion-loss testing (dB) Fiber identification via 2 kHz modulation LAN installation and maintenance

Compatibility & Integration The FOT-10A accepts a complete range of EXFO fiber-optic connector adapters and supports both multimode and singlemode fibers. Standard delivery includes user guide, carrying case, 9 V battery, AC adapter/charger, connector adapter, protective holster, shoulder strap, and calibration certificate.

Features & description

From manufacturer datasheet

Features

- Five calibrated wavelengths (A models): 780/850/1300/1310/1550 nm

Applications

- Transmitter power measurements (dBm)

FOT Characteristics / Specifications

PARAMETER	VALUE
Model	FOT-10 / FOT-10A
Manufacturer	EXFO
Instrument Type	Handheld Optical Power Meter
Alias	FOT-10A; FOT-12A; FOT-12AX; FOT family
Detector type Ge	Ge (2 mm)
Detector type GeX	GeX (2 mm) high power
Calibrated wavelengths	780, 850, 1300, 1310, 1550 nm
Measurement range Ge	6 to -60 dBm (at 1300 nm)
Measurement range GeX	21 to -50 dBm (at 1300 nm)
Resolution	0.05 dB (at -35 dBm power level)
Uncertainty	±5% (NIST traceable, at -35 dBm)
Power display FOT 10A	dBm
Tone detection	2 kHz
Battery	9 V alkaline
Battery life	over 14 hours
Size	22.2 cm x 10.3 cm x 5.9 cm
Weight unit	0.56 kg (1.25 lb)
Weight shipping	1.8 kg (4 lb)
Operating temperature	-10 C to 40 C (14 F to 104 F)
Fiber compatibility	singlemode and multimode
Offset nulling	electrical offset nulling feature
Custom calibration	custom wavelength free of charge (OEM policy)
Standard accessories	user guide, carrying case, 9 V battery, AC adapter, connector adapter, holster, shoulder strap, calibration certificate
Connector adapters	FOA series (FC, SC, ST, LC, and others)
Ordering Ge example	FOT-12A

PARAMETER	VALUE
Ordering GeX example	FOT-12AX
Companion sources	FOS-120A / FLS-130A family
Form	handheld field power meter Notes Specs from EXFO FOT-10A/FOT-20A handheld power meters datasheet. Confirm Ge vs GeX detector and exact FOT-12A/12AX faceplate; non-A FOT-10 units may have three calibrated wavelengths.
Five calibrated wavelengths (A models)	780/850/1300/1310/1550 nm

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	10 C to 40 C (14 F to 104 F)
Operating Temperature	10 C to 40 C (14 F to 104 F)
Fiber compatibility	singlemode and multimode
Offset nulling	electrical offset nulling feature
Custom calibration	custom wavelength free of charge (OEM policy)
Standard accessories	user guide, carrying case, 9 V battery, AC adapter, connector adapter, holster, shoulder strap, calibration certificate
Connector adapters	FOA series (FC, SC, ST, LC, and others)
Ordering Ge example	FOT-12A
Ordering GeX example	FOT-12AX
Companion sources	FOS-120A / FLS-130A family
Form	handheld field power meter Notes Specs from EXFO FOT-10A/FOT-20A handheld power meters datasheet. Confirm Ge vs GeX detector and exact FOT-12A/12AX faceplate; non-A FOT-10 units may have three calibrated wavelengths.

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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PARAMETER	VALUE
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Manufacturer	EXFO
Instrument Type	Handheld Optical Power Meter
Specifications	
PARAMETER	VALUE
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Detector type Ge	Ge (2 mm)
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PARAMETER	VALUE
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Power display FOT 10A	dBm
Specifications	
PARAMETER	VALUE
Tone detection	2 kHz
Battery	9 V alkaline
Battery life	over 14 hours

Specifications

PARAMETER	VALUE
Size	22.2 cm x 10.3 cm x 5.9 cm
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Specifications

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Specifications

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Connector adapters	FOA series (FC, SC, ST, LC, and others)

Ordering Ge example: FOT-12A

Ordering GeX example: FOT-12AX

Companion sources: FOS-120A / FLS-130A family

Form: handheld field power meter

Notes

Specs from EXFO FOT-10A/FOT-20A handheld power meters datasheet. Confirm Ge vs GeX detector and exact FOT-12A/12AX faceplate; non-A FOT-10 units may have three calibrated wavelengths.

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>

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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.