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Data Sheet

August 14, 2026

EXFO

Exfo FPM-600 800nm Fiber Optic Optical Power Meter

The EXFO FPM-600 is a handheld optical power meter for link and system qualification with more than 40 calibrated wavelengths including CWDM grids. OEM specification sheet SPFPM600 lists FPM-602 Ge detector power range 10 to -70 dBm and FPM-602X GeX range 26 to -55 dBm over 800 to 1650 nm, power uncertainty +/-5 percent plus nanowatt floor terms, 0.01 dB resolution, automatic offset nulling, and about 72 hours typical battery life. DWDM and CWDM network qualification, PON testing at 1310/1490/1550 nm, absolute and relative optical power measurement, and auto-wavelength testing with FLS-600 sources. Resolution FPM 602X: +/-0.01 dB from 26 dBm to -45 dBm Relative Humidity: 0 percent to 95 percent noncondensing Warranty And Recalibration Interval: 3 years From EXFO FPM-600 Power Meter specification sheet SPFPM600. Specs valid at 1550 nm and 23 C +/-1 C with FC connector unless noted; GeX uncertainty valid up to 20 dBm.



MODEL

Exfo FPM-600

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FPM-600

LISTING

<https://aumictechlabs.com/products/fpm-600-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The EXFO FPM-600 is an optical power meter engineered for accurate power measurements across fiber optic systems in both field and laboratory settings. It delivers reliable data for

network installation, maintenance, and qualification tasks, operating across the 800 nm to 1650 nm wavelength range with measurement capability up to 26 dBm. Technical Specifications

Wavelength Range: 800 nm to 1650 nm Calibrated Wavelengths: Over 40 calibrated wavelengths including all CWDM channels; supports user-defined wavelengths via interpolation between calibrated points Measurement Range: Up to 26 dBm Display Units: dB, dBm, and W Tone Detection: 270 Hz, 1 kHz, and 2 kHz Data Storage: 1000 entries Data Transfer: USB port to PC Key Features High accuracy across calibrated wavelengths with documented uncertainty specifications User-configurable pass/fail thresholds with integrated LED indicator Min/max power capture for measuring power bursts and fluctuations Automatic wavelength detection when paired with compatible EXFO light sources No offset nulling required Backlit display and keypad for low-light operation Optional Visual Fault Locator (VFL) Professional reporting software with link certification and pass/fail documentation Typical Applications Passive optical network (PON) testing at 1310 nm, 1490 nm, and 1550 nm per ITU-T G.983.3 DWDM and CWDM network qualification Fiber optic link installation and commissioning Network maintenance and troubleshooting Compatibility & Integration Part of the EXFO 600 handheld series, the FPM-600 pairs with the FOT-600 Optical Loss Test Set and FLS-600 Light Source for integrated test solutions. Automatic wavelength detection capabilities enable streamlined testing workflows when used with compatible EXFO instruments.

FPM600 Characteristics / Specifications

PARAMETER	VALUE
FPM 602 Detector	Ge
FPM 602 Power Range	10 to -70 dBm
FPM 602X Detector	GeX
FPM 602X Power Range	26 to -55 dBm
Wavelength Range	800 to 1650 nm
Calibrated Wavelengths Count Class	more than 40
FPM 602 Power Uncertainty	+/-5 percent +/-0.1 nW
FPM 602X Power Uncertainty	+/-5 percent +/-3 nW
Resolution FPM 6	+/-0.01 dB from 10 dBm to -60 dBm
Resolution FPM 602X	+/-0.01 dB from 26 dBm to -45 dBm
Automatic Offset Nulling	Yes
Display Units	dB, dBm, W
Tone Detection	270 Hz, 1 kHz, 2 kHz
Auto Switching	Yes
Warm Up Period	0 min
Data Storage Items	more than 1000
Battery Life Typical	72 hours
Size HxWxD	190 mm x 100 mm x 55 mm
Weight With Battery	0.48 kg
Operating Temperature	-10 C to 50 C
Storage Temperature	-40 C to 70 C
Relative Humidity	0 percent to 95 percent noncondensing
Warranty And Recalibration Interval	3 years
Humidity	0 percent to 95 percent noncondensing

FPM600 Specifications

PARAMETER	VALUE
Key Features	Over 40 calibrated wavelengths with interpolation for user wavelengths
Hold Min/Max power for burst and fluctuation capture	Auto-switching wavelength recognition with FLS-600
Technical Specifications	FPM 602 Detector: Ge

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	40 C to 70 C
Operating temperature	10 C to 50 C
Operating Temperature	10 C to 50 C
Humidity	0 percent to 95 percent noncondensing
Relative Humidity	0 percent to 95 percent noncondensing
Warranty And Recalibration Interval	3 years Notes From EXFO FPM-600 Power Meter specification sheet SPFPM600. Specs valid at 1550 nm and 23 C +/-1 C with FC connector unless noted; GeX uncertainty valid up to 20 dBm.

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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NIST-traceable calibration · SAM registered ·
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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.