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Data Sheet

August 14, 2026

EXFO

Exfo PPM-350B 1310nm Fiber Optic Optical Power Meter

The EXFO PPM-350B is a rugged, handheld optical power meter optimized for 1310nm wavelength measurements. It offers high accuracy (± 0.2 dB), a wide dynamic range, and auto-ranging for efficient field testing in telecom and datacom networks. Its compact design and long battery life make it ideal for fiber optic technicians.



MODEL

Exfo PPM-350B

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

PPM-350B

LISTING

<https://aumictechlabs.com/products/ppm-350b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The EXFO PPM-350B is a single-wavelength (1310 nm) optical power meter engineered for upstream burst signal measurement in Passive Optical Networks. This handheld instrument delivers accurate power readings for both continuous and burst-mode signals encountered in FTTH and FTTP deployments. The meter features pass/warning/fail indicators, configurable threshold sets, and optional extended-range capability for central office testing. Available in one-port and two-port pass-through configurations, it enables field technicians to rapidly assess signal integrity across BPON, EPON, and GPON architectures operating at 155 Mb/s through 2.5 Gb/s. Technical Specifications Wavelength: 1310 nm (upstream voice and data) Signal Types: Continuous signals and framed signals (ATM, Ethernet); burst-mode capable Burst Detection:

Upstream burst detection at 1310 nm Power Measurement Ranges: Standard and Extended Range (ER) options for central office and pre-splitter testing Threshold Configuration: Up to 10 user-definable threshold sets with pass, warning, and fail indicators Network Standards: ITU-T G.983 (A, B, C) compatible Data Rates: 155 Mb/s, 622 Mb/s, 1 Gb/s, and 2.5 Gb/s (synchronous and non-synchronous) Key Features Single-wavelength design optimized for upstream measurement at 1310 nm Pass/warning/fail LED indicators (green/yellow/red) for immediate power assessment Burst signal accuracy critical for EPON and GPON upstream transmission timeslots Threshold transfer capability via PC software One-port and two-port pass-through configurations for flexible field deployment Typical Applications Upstream signal verification in FTTH/FTTP networks ONT and central office power level validation EPON and GPON network commissioning and maintenance Burst-mode transmission diagnostics Compatibility & Integration Supports BPON, EPON, and GPON architectures. Operates across synchronous and non-synchronous transmission protocols per ITU-T G.983 specifications.

PPM350B Characteristics / Specifications

PARAMETER	VALUE
Wavelengths Measured	1310, 1490, 1550 nm
Spectral Passband Class 13	1260 to 1360 nm class
Threshold Sets	10 configurable with naming
Port Versions	1-port (351B) and 2-port (352B)
Range Options	normal (00) and extended (ER)
Power Source	three AA batteries
Standard Accessories Class	user guide, wrist strap, RS-232 cable, cleaning pads
PC Software	threshold-transfer software
Connector Options	SC/APC, SC/UPC, and EUI adapters
Intended Location Normal Range	splitter to ONT
Intended Location Extended Range	central office to ONT
Analysis Modes	pass / warning / fail
Spectral Passband Class 14	1480 to 1500 nm class
Spectral Passband Class 15	1530 to 1570 nm class
Pass Warning Fail Analysis	yes simultaneous all wavelengths
Battery Count	3 AA

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

Wavelengths Measured: 1310, 1490, 1550 nm

PPM-351B 1310 Pass Zone: 5.5 to -15 dBm

PPM-351B 1490 Pass Zone: 1 to -33 dBm

PPM-351B 1550 Pass Zone: 15 to -36 dBm

PPM-351B-ER 1310 Pass Zone: 10 to -40 dBm

PPM-351B-ER 1490 Pass Zone: 12 to -40 dBm

PPM-351B-ER 1550 Pass Zone: 25 to -40 dBm

PPM-352B Two Port: same normal-range pass zones as 351B class

PPM-352B-ER Two Port: same extended-range pass zones as 351B-ER class

Specifications

PARAMETER	VALUE
Spectral Passband Class 1310	1260 to 1360 nm class
Threshold Sets	10 configurable with naming
Port Versions	1-port (351B) and 2-port (352B)
Range Options	normal (00) and extended (ER)
Power Source	three AA batteries
Standard Accessories Class	user guide, wrist strap, RS-232 cable, cleaning pads
PC Software	threshold-transfer software
Connector Options	SC/APC, SC/UPC, and EUI adapters
Intended Location Normal Range	splitter to ONT
Intended Location Extended Range	central office to ONT
Analysis Modes	pass / warning / fail
Spectral Passband Class 1490	1480 to 1500 nm class
Spectral Passband Class 1550	1530 to 1570 nm class
Pass Warning Fail Analysis	yes simultaneous all wavelengths
Battery Count	3 AA

RS-232 Threshold Transfer: yes

Notes

From EXFO PPM-350B PON Power Meter datasheet. Pass-zone limits are at room temperature for continuous data stream; APC connector notes apply per OEM footnotes.

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