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Data Sheet
August 14, 2026

EXFO

Exfo PPM-352B-EG-EA-VZ1 BPON / EPON / GPON Power Meter

The EXFO PPM-352B is a specialized PON power meter for BPON, EPON, and GPON networks. It measures downstream and upstream optical power with high accuracy, ensuring proper network installation and maintenance.

MODEL Exfo PPM-352B-EG-EA-VZ1	CALIBRATION Available on request
CONDITION Used	STATUS In stock
RFQ / SKU PPM-352B-EG-EA-VZ1	LISTING https://aumictechlabs.com/products/ppm-352b-eg-ea-vz1-2/

NIST-traceable cal · SAM registered · 30-day returns

NAICS 423690 · 811210 · 541380

This unit

The EXFO PPM-352B-EG-EA-VZ1 is a dual-port pass-through power meter engineered for PON network testing and characterization. It delivers simultaneous filtered measurement and display of all signals across BPON, EPON, and GPON architectures at 1310 nm (upstream), 1490 nm (downstream data/voice), and 1550 nm (downstream video). The pass-through configuration maintains full OLT-to-ONT communication during measurement, allowing the ONT to remain operational throughout testing. This capability is critical for validating network performance without service interruption. Technical Specifications Network Compatibility: BPON, EPON, GPON Wavelengths Measured: 1310 nm (upstream), 1490 nm (downstream), 1550 nm (downstream) Measurement Type: Simultaneous display of all PON signals including voice, data, and video Signal Processing: Filtered measurements with distinct power values per wavelength; handles

continuous signals (video at 1550 nm) and framed signals (ATM, Ethernet); capable of measuring power during keep-alive transmissions and burst signals with short timeslots Configuration: Two-port pass-through topology Measurement Range: Standard range plus extended-range (ER) option for central office and pre-splitter testing Thresholds: Pass/warning/fail indicators with up to 10 user-definable threshold sets; each set includes discrete pass/warning/fail values for 1310 nm, 1490 nm, and 1550 nm; configurable by location (CO, FDH, drop terminal, ONT) via PC-based software transfer Key Features Simultaneous multi-wavelength power measurement without service disruption Threshold-based automated assessment with location-specific configuration Burst signal compatibility for PON protocols Extended-range measurement for upstream testing scenarios Typical Applications PON network commissioning and acceptance testing Central office and field deployment characterization Pre-splitter optical power validation ONT installation and troubleshooting with live signal verification Compatibility & Integration Supports BPON, EPON, and GPON signal types across all three standard telecom wavelengths. Configuration via PC software enables flexible threshold management across multiple deployment locations.

PPM352BEGEAVZ1 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

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