

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 13, 2026

EXFO

EXFO PPM-350C PON Power Meter

The EXFO PPM-350C is a next-gen PON power meter for XGS-PON, NG-PON2, and legacy PON networks. It offers fast, accurate power measurements with advanced filtering for reliable testing in high-speed optical access networks.



MODEL

Exfo PPM-350C

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

PPM-350C

LISTING

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

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The EXFO PPM-350C is a handheld pass-through power meter for BPON, EPON, and GPON network testing and troubleshooting. It simultaneously measures and displays all PON signals - voice, data, and video - enabling concurrent upstream and downstream assessment during service activation and field diagnostics. The device combines triple-play signal validation with intuitive operation and field-hardened construction.

Technical Specifications

PON Architectures: BPON, EPON, GPON

Signal Types: Voice, Data, Video

Wavelengths: 1310 nm (ONT), 1490 nm (OLT), 1550 nm (Video); up to 40 predefined wavelengths (1260 nm to 1650 nm) in OPM mode

Measurement Modes: Continuous and framed signal measurement at all baud rates (155 Mbps, 1 Gbps, synchronous or asynchronous)

Power Measurement: Optical power in dBm or loss in dB with user-defined Pass/Warning/Fail thresholds

Data Storage: 1000 test results with protected format; organization by OLT, ONT, and location; USB download capability

Operating Modes: FTTx Operation Mode and Optical Power Meter (OPM) Operation Mode

Interfaces: USB data download;

optional Visual Fault Locator (VFL) port Power Supply: AA alkaline batteries or AC adapter; 35+ hour battery life; 10-minute auto-off Environmental: Operating temperature –10 °C to +50 °C; storage –40 °C to +70 °C; up to 95% relative humidity (non-condensing) Physical: 0.4 kg; waterproof keyboard with port cover flaps; rugged weatherproof enclosure

Key Features

- Pass-through architecture allows simultaneous measurement without signal interruption
- Triple-play validation in single test sequence
- Job Editor mode for pre-configuration of test parameters and site data
- Protected data format ensures test result integrity
- Field-rated design with extended temperature range and moisture protection

Typical Applications

- Service activation and commissioning of PON deployments
- Fiber troubleshooting and signal path verification
- Field technician signal validation during maintenance and repair.

Compatibility & Integration

Supports BPON, EPON, and GPON architectures. USB interface enables data export and integration with field service workflows.

Features & description

From manufacturer datasheet

Features

- Two-port pass-through concurrent PON signal display

PPM350C Characteristics / Specifications

PARAMETER	VALUE
Model	PPM-350C family (typical PPM-352C 1310/1490/1550)
Manufacturer	EXFO
Instrument Type	Handheld PON / FTTx Power Meter
Ports	2 (pass-through)
FTTx calibrated wavelengths nm	1310 / 1490 / 1550
FTTx power range 1310 nm dBm	8 to -40
FTTx power range 1490 nm dBm	12 to -40
FTTx power range 1550 nm dBm	25 to -40
Burst measurement range 1310 nm dBm	8 to -30
Burst measurement path	CO to ONT
Pass through insertion loss dB	1.5 typical
ORL at 1550 nm dB	55 (APC connectors)
Spectral passband 1310 nm	1260 to 1360 nm
Spectral passband 1490 nm	1480 to 1500 nm
Spectral passband 1550 nm	1539 to 1565 nm
Power uncertainty dB	0.5 typical at calibrated wavelengths
OPM CW power range dBm	25 to -40 (1310/1490/1550)
OPM predefined wavelengths	up to 40 from 1260 to 1650 nm
Threshold sets	10 configurable with naming
Result storage	up to 1000 tests
SizeHxWxD	195 mm x 100 mm x 57 mm
Weight	0.4 kg without batteries
Operating temperature	-10 C to 50 C
Storage temperature	-40 C to 70 C
Relative humidity	0% to 95% non-condensing

PARAMETER	VALUE
Autonomy FTTx burst hours	35 typical
Autonomy OPM CW hours	80 typical
Calibration interval years	3
Warranty years	1
Upstream BPON support	up to 622 Mbit/s (ITU-T G.983)
Upstream EPON/GPON support	up to 1.25 Gbit/s (ITU-T G.984 / IEEE 802.3ah)
Humidity	0% to 95% non-condensing

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% to 95% non-condensing
Relative humidity	0% to 95% non-condensing
Autonomy FTTx burst hours	35 typical
Autonomy OPM CW hours	80 typical
Calibration interval years	3
Warranty years	1
Upstream BPON support	up to 622 Mbit/s (ITU-T G.983)
Upstream EPON/GPON support	up to 1.25 Gbit/s (ITU-T G.984 / IEEE 802.3ah)

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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Upstream BPON support: up to 622 Mbit/s (ITU-T G.983)

Upstream EPON/GPON support: up to 1.25 Gbit/s (ITU-T G.984 / IEEE 802.3ah)

Optional VFL laser safety: IEC 60825-1 Class 3R

Notes

Specs from EXFO PPM-350C OEM spec sheet (PPM-352C primary). PPM-353C omits 1550 nm RF video in FTTx mode. Confirm faceplate connector (EUI) and VFL option.

Laser Safety

laser safety: IEC 60825-1 Class 3R Notes Specs from EXFO PPM-350C OEM spec sheet (PPM-352C primary). PPM-353C omits 1550 nm RF video in FTTx mode. Confirm faceplate connector (EUI) and VFL option.

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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<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
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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.