

# PON Power Meter

SKU: PON-2M

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## Passive Optical Network (PON) Power Meter

### Features

- Hand-held PON power meter
- Simultaneous measurement of PON signals
  - Upstream (from ONT): 1310nm
  - Downstream (from OLT): 1490 & 1550nm
- Data storage for up to 100 data points
- Stores up to 10 threshold sets
- 36 hour battery life (3 AAA batteries)
- 10-minute auto-shutdown

### Key Specifications

<b>Measurement Range</b>	1310: +10 to -35 dBm 1490: +10 to -50 dBm 1550: +25 to -45 dBm
<b>ORL</b>	35 dB
<b>Pass-through Insertion Loss</b>	< 1.5 dB
<b>Accuracy</b>	±0.5 dB (burst signal) ±0.2 dB @ -10 dBm
<b>Threshold Sets</b>	10
<b>Data Storage</b>	100
<b>Connectors</b>	SC
<b>Auto Power Off</b>	Yes
<b>Battery Charge</b>	Yes
<b>Operation Time</b>	~36 hours
<b>Storage Temperature</b>	-20 to +60° C
<b>Operating Temperature</b>	-10 to +50° C
<b>Operating/Storage Humidity</b>	90% relative
<b>Power Supply</b>	(3) AAA batteries or AC adapter
<b>Size</b>	7.48" x 3.54" x 1.57"
<b>Weight</b>	~1 pound



NOTICE: ENCLOSURE COLORS MAY VARY

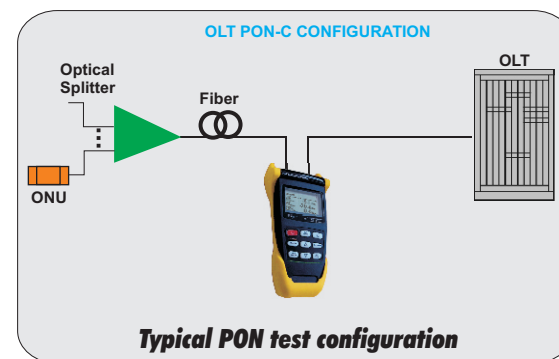
### Applications

The PON-2M PON power meter allows users to simultaneously measure signals upstream (1310nm) from the ONT and downstream (1490nm & 1550nm) from the OLT in FTTH/PON networks.

Up to 100 data points can be stored in internal memory, which can be recalled on the LCD display at a later time.

Up to 10 threshold sets can be stored in internal memory, allowing users to measure PON signals against pre-set thresholds based on different measurement points in the FTTH network.

This unit runs 36 hours on 3 AAA batteries, and has 10-minute shutdown feature.



Product manuals come in PDF format on CD. Adobe Acrobat Reader™ is required to view these documents.

Carrying cases and patch cables are available for an additional charge.

