



shinewaytech PPM-50 PON Power Meter



link to the product: <https://intersell.pl/gb/1013-shinewaytech-ppm-50-power-meter-mon.html>

Manufacturer: ShinewayTech

Referention number: PPM-50



Full product description

The PPM-50 can perform an active test of all PON signals (1310/1490 / 1550nm) at any point in the network, including pass-through structure, burst mode and Pass / Warning / Fail estimation functions. This helps in assessing the quality of the transmission of PON signals.

We offer a two-year warranty on this product

Features:

- Designed for FTTx / PON (B / E / G) applications,
- Easy to use - just plug in the fiber to get results,
- Simultaneous Triple-play measurement of PON signals: 1310/1490 / 1550nm (voice / data / movie),
- Pass-through test: can be used everywhere in PON,
- Burst mode: 1310nm input signal detection,
- User defined threshold,
- Pass / Warning / Fail estimation (evaluation of correctness of signals - Valid / Warning / Invalid),
- Edit cable / fiber ID,
- CSV file format,
- Compact design,
- Color TFT, sunlight readable.

Simultaneous loop-through measurement and display of all PON signals

The PPM-50 works as a loop-through device that can be connected anywhere between the OLT and the ONU. A small percentage of the optical signal is required for measurement.

The result is that all wavelengths can be measured simultaneously without introducing disturbance to the network.

- Through connection and simultaneous measurement of all PON signals,
- Filtered detection for individual signal measurements at each wavelength
- Burst mode (1310nm).



Flexible measurements at PON



User set thresholds

PPM-50 allows you to set the threshold value - each value from three lengths (1310, 1490 and 1550 nm) with its own evaluation system Valid / Warning / Invalid. These values can be freely changed to facilitate the measurement of the fiber, components and test points in the network.

SPECIFICATION

Technical parameters	
Model	PPM-50
Calibrated wavelength [nm]	1310/1550/1625
Measurement range [dBm]	-40 to +10 (1310nm) (1) -40 to +12 (1490nm) -40 to +20 (1550nm)
Spectral pass band [nm]	1310 ± 50 1490 ± 15 1550 ± 10
Accuracy [dB]	0.01
Power uncertainty [dB]	? 0.5
Insertion Loss [dB]	? 1.5
Connector	FC / PC (interchangeable with SC, ST)
General parameters	
Dimensions (width x length x height) [mm]	80 x 40 x 170
Weight [g]	345
Display	TFT
Power	Lithium battery AC adapter
Battery operation time [h]	?20
Communication	USB
Memory	> 2000 results

Working conditions	Ambient temperature: -10 to 60 [° C] Relative humidity: 0 to 95 [%] (no condensation)
The storage conditions	Ambient temperature: -20 to 70 [° C] Relative humidity: 0 to 95 [%] (no condensation)

Comments:

1. Burst mode at 1310nm in the range -30 to + 10dBm

Order

Standard equipment

- Equipment,
- Lithium battery,
- Rubber cover,
- USB cable (data transfer),
- CD with PC software,
- AC adapter,
- Case,
- Warranty Card,
- CE certificate,
- Calibration certificate,
- User manual.