

## FHP2P01 PON Optical Power Meter

### Description

FHP2P01 PON Optical Power Meter is a small size, low loss and good quality handheld meter. It is designed for the testing, installation and maintenance of FTTX PON network, which can be used for APON, BPON, EPON and GPON network. FHP2P01 PON Optical Power Meter has two output ports for ONU and OLT/Video, which supports CW/burst upstream detection at 1310nm and downstream signal at 1490/1550nm. It can directly show the status of pass, warning or failure by threshold testing. FHP2P01 is an ideal tool for PON installation and maintenance.

### Features

- Handheld, easy-to-carry and use
- P/F testing and normal testing mode
- Two testing ports with "ONU" & "OLT/Video"
- Support 1310nm upstream CW/burst signal and 1490nm/1550nm downstream signal
- Design for networks of APON, BPON, EPON and GPON
- Threshold programmable
- Huge data storage capability
- 900 test results for storage
- Optional SC/APC adapters



Part Number	Description
FHP2P01	PON Optical Power Meter

### Specification

Calibrated Wavelength	1310nm (Burst) 1310nm(CW)	1490 nm	1550 nm
Linearity(dB)	± 0.2@1550 ≥ -40dBm		
Isolation Rate(dB)	>40@1490nm	>40@1310nm	>40@1310nm
	>40@1550nm	>30@1550nm	>30@1490nm
Measuring Range (dBm)	-30~+16	-40~+16	-50~+16
Insertion Loss(dB)	1.5		
Broadband	1260~1360	1480~1500	1539~1565
Accuracy	0.5db±1nW @ 1550 nm		
Threshold	10 groups(configured via PC-software)		
Data Storage	900		
Accessories Adaptors	SC/PC(standard)		
Operating Temperature	-10+50°C		
Relative Humidity	0%~95%,non-condensing		
Communication port	USB port		
Power supply	2pcs*Ni-MH AA; USB cable		
Dimension	160mm*76mm*45mm		
Weight	About 400g		

#### Standard Accessories

2\*SC/PC adapters, 2\*FC/PC adapters, 3\*ceramic sleeves, 2\*AA rechargeable batteries, USB cable, test report, carrying bag, CD software, user manual

#### Optional Accessories

2\*ST/PC adapters