

FHP2P01 PON Optical Power Meter



Description: FHP2P01 PON Optical Power Meter is a small size, low loss and good quality hand held-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. FHP 2P01 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:

1. Hand-held, easy-to-carry and use
2. P/F testing and normal testing mode
3. Two testing ports with "ONU" & "OLT/Video"
4. Support 1310nm upstream CW/burst signal and 1490nm/1550nm downstream signal
5. Design for networks of APON, BPON, EPON and GPON
6. Threshold programmable
7. Huge data storage capability
8. Software is available for communication

Specification				
Wavelength	1310nm (Burst)	1310nm (CW)	1490nm	1550nm
Linearity	±0.2dB@1550 ≥-40dBm			
Isolation Rate	>40@1490nm		>40@1310nm	>40@1310nm
	>40@1550nm		>30@1550nm	>30@1490nm
Measuring Range	-30~+16dBm		-40~+16dBm	-50~+16dBm
Insertion Loss	1.5dB			
Broadband	1260~1360nm	1480~1500nm	1539~1565nm	
Accuracy	0.5db±1nW @ 1550nm			
Threshold	10 groups (configure via PC-software)			
Data Storage	900			
Adapter	SC/PC			
Operating Temperature	-10 to +50C			
Relative Humidity	0%~95% (non-condensing)			
Communication Port	USB port			
Power Supply	2pcs*Ni-MH AA; USB cable			
Dimension	160L*76W*45mmH			
Net Weight	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				