

FHP2P01 PON power meter

General Description:

FHP2P01 PON power meter is a small size, low loss and good quality handed-held optical power 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 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 . The FHP2P01 is the ideal tool for PON setting and maintenance.



Features:

- Handheld, easy to carry and use
- P/F testing and normal testing mode
- “Two testing ports with “ONU” & “OLT/Video
- Huge data storage
- USB connection
- AC power supply
- Software only for PHP2P01

Specifications:

Measuring wavelength	1310nm	1490nm	1550nm
Densor type	InGaAS		
Linearity	$\pm 0.2\text{dB}@1550\text{nm} \geq -40\text{dBm}$		
Isolation with filtering	1490nm band >40dB 1550nm band >40dB	1310nm band >40dB 1550nm band >30dB	1310nm band >40dB 1490nm band >30dB
(Measuring range (dBm	40dBm~-+16dBm-	50dBm~-+16dBm-	50dBm~-+23dBm-
Insertion loss in penetration (mode (dB	Less than 1.5dB		
Measureable optical bandwidth	1360~1260	1500~1480	1565~1539
Inherent uncertainty	0.5dB \pm 1nW@1550nm		
Display resolution	0.01dB		
Threshold setting	groups, set by the host computer 10		
Data storage	900		
Operating temperature	10°C~+50°C-		
Relative humidity	95%RH~0%		
Fiber interface type	(FC/PC (customizable ST/PC, SC/PC		
Communication Interface	USB interface		
Powered by	Two section 5 nickel-metal hydride rechargeable 1.2V battery 2500mAh		
External power supply	AC power adapter DC6V/1A		
Calibration wavelength	1310nm / 1490nm / 1550nm		
Size	L*W*H 160mm*76mm*45mm		
Weight	About 400g		

Made in China