



FHP2P04

PON Optical Power Meter

FHP2P04 10G PON power meter is suitable for the G/EPON, XG(S)PON/10GEPON power testing

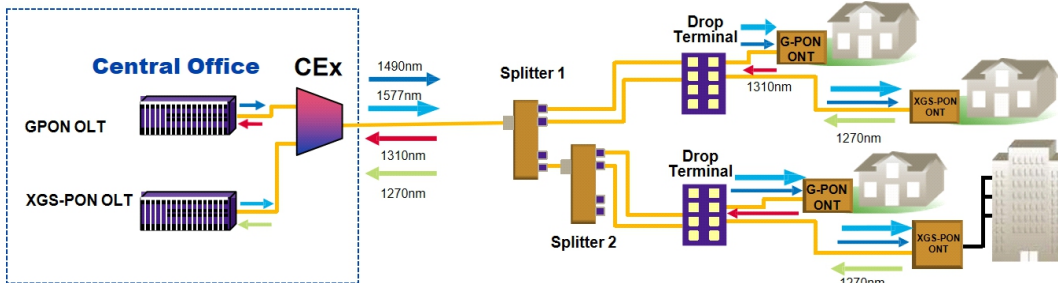


It can simultaneously measure the voice, data signals on 1490nm/1577nm (downlink) and 1270nm/1310nm (burst mode uplink) optical fiber, which enables the maintenance personnel to truly master the real power value of the single wavelength optical signal on the line.

- ★ Support 1270nm, 1310nm, 1490nm, 1577nm wavelength selective power measurement and display
- ★ Supports co-existence of G/E-PON, XGS-PON/10G-EPON network
- ★ Automatically detect signal mode, CW (continuous mode) or burst mode
- ★ 10 groups User defined Pass, Warning, Fail mode
- ★ 700 groups test data storage
- ★ Multi display dBm/dB with 0.01dBm high resolution
- ★ Type-C USB charging and test data upload
- ★ Support Powerful PC software to generate the test report
- ★ Bluetooth function

Applications

Applicable to GPON/EPON, XG(S)-PON/10G EPON Network. Support accurate power measurement for downlink 1490nm/1577nm and uplink 1310nm/1270nm. Automatically detect the wavelength of the upstream signal sent by the ONU. Excellent isolation, with no interference between different wavelengths, accurately displaying the true power value of each wavelengths at the same time.



Specifications

PON Power Meter Mode

Calibrated Wavelength	1270nm	1310nm	1490nm	1577nm
Measuring Range(dBm)CW mode	+13~-10	+13~-30	+13~-50	+17~-50
Measuring Range(dBm)Burst mode	+13~-10	+13~-30	-	-
Spectral Passband	1270±10nm	1310±20nm	1490±10nm	1577±6nm
Insertion Loss	≤1.5dB			
Uncertainty	≤0.5dB			
Display Resolution	0.01dBm			
Display Unit	dBm/dB			
Threshold Settings	Support 10groups user defined (Pre-set by PC software)			

Others

Display	2.5-inch LCD
Optical Port	2*SC/APC or 2*SC/UPC
USB Port	USB Type-C interface for charging and test results upload
Memory Capacity	700 groups
Wireless	Bluetooth
Power Supply	2*2500mAh Ni-MH AA battery
External Power Supply	5V/1A ; AC/DC adapter
Working Temp	-10°C~+50°C
Storage Temp	-20°C~+70°C
Dimension	160L×76W×45H(mm)
Weight	300g