

FHP2G10 10G PON Selective Power Meter



With the gradual upgrading of EPON/GPON network to 10G-EPON/XG(S) PON, the downstream of PON network will exist two wavelengths of 1490nm and 1577nm, which cannot be distinguished and measured separately by ordinary broadband power meter. FHP2G10 is a professional instrument specially used to measure the downstream 1490nm and 1577nm power levels of 10G-EPON/XG(S) PON network. It can accurately measure the optical power value of each wavelength and display it on one screen at the same time.

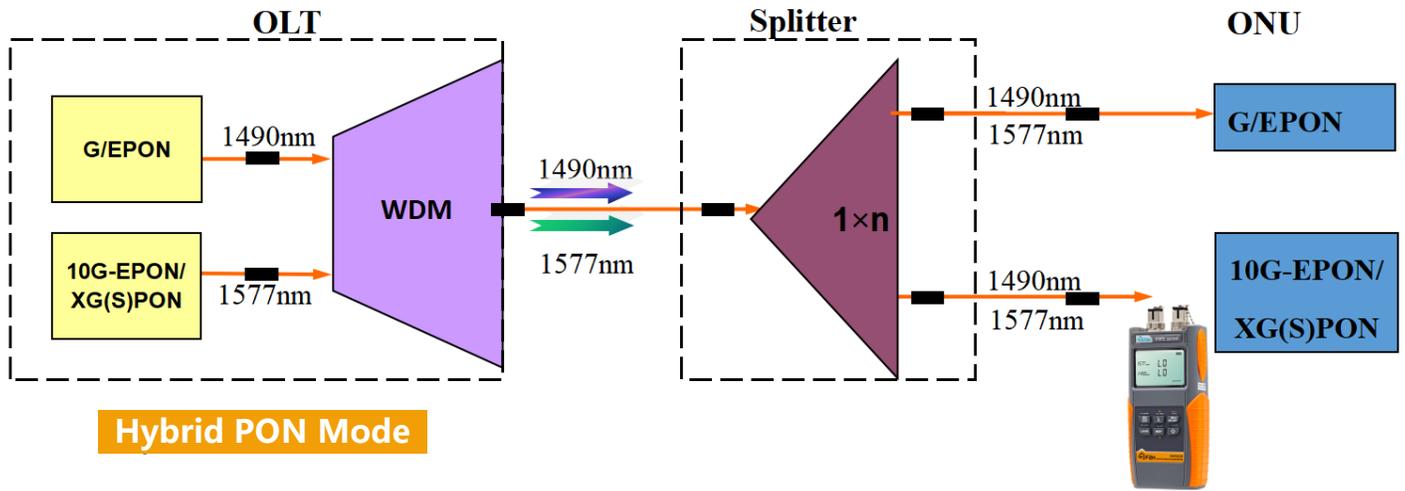
Key features

- 1: Supports co-existence of G/E-PON and XGS-PON/10G-EPON services on the same PON
- 2: Selective power level 1490nm/1577nm measurements for both G/E-PON and XGS-PON/10G-EPON services
- 3: Clear Pass/Fail information
- 4: Normal broadband power meter support 1270nm/1310nm/1550nm/1625nm
- 5: Built-in 10mw VFL function
- 6: 999 groups test results can be stored

Applications:

Filtered Measurements and Single Test Port

The single test port FHP2G10 allows for simultaneous filtered measurement for both G/E-PON(1490nm) and XGS-PON/10G-EPON(1577nm) with a single fiber connection, Correctly distinguish the power value of each wavelength and realize accurate power level testing, avoiding incorrect ONU installation and service activation delay.



Hybrid PON Mode



FHP2G10 is applicable to installers who must move regularly between G/E-PON and XGS-PON/10G-EPON networks testing and the current G/E-PON service providers considering upgrading to XGS-PON/10G-EPON.

Appearance:



Specifications:

Items	Specifications
Calibrated wavelength	1270/1310/1490/1550/1577/1625nm
Test range	-40~+10dBm
Test accuracy	±0.5dB
Resolution	0.01dB
Display unit	dBm/dB/mw, Pass/Fail
Isolation	1490nm>35dB, 1577nm>35dB
VFL	10mw, CW/2Hz
Memory capacity	999 test results
OPM port	SC/UPC or SC/APC
VFL port	SC/UPC
Communication port	USB port
Power supply	2*Ni-MH AA battery
Working temp	-10°C~+50°C
Storage temp	-20°C~+70°C
Dimension	160Lx76Wx45H(mm)
Weight	300g