



User's Guide to the FHP2G10 10G PON Selective Power Meter



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Features

- Selective power level 1490nm/1577nm measurements for combo G/E-PON and XG(S)PON/10G-EPON services
- Support 1270nm/1310nm/1490nm/1550nm/1577nm/1625nm six calibrated wavelength
- Clear Pass/Fail information
- Built-in 10mw VFL function
- 999 groups test results can be stored
- Type-C charging/data USB port
- Bluetooth is optional, support for mobile APP function

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Description

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.



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Specification

Model	FHP2G10
Connector Type	OPM port:universal connector,standard SC/UPC ; VFL port:universal connector,standard SC/UPC
Calibrated Wavelength	1270/1310/1490/1550/1577/1625nm
Test Range	-40~+10dBm
Test Accuracy	±0.5dB
Display Resolution	0.01
Insolation	1490nm>35dB;1577nm>35dB
VFL	650nm±10nm ; 10mW;CW/2Hz
Data Storage	999 groups
USB Port	Type-C USB for charging and data upload
Power Supply	2 of AA Battery
Working Temp	-10°C~+50°C
Storage Temp	-20°C~+70°C
Dimension	160L×76W×45H(mm)
Weight	300g

Operation

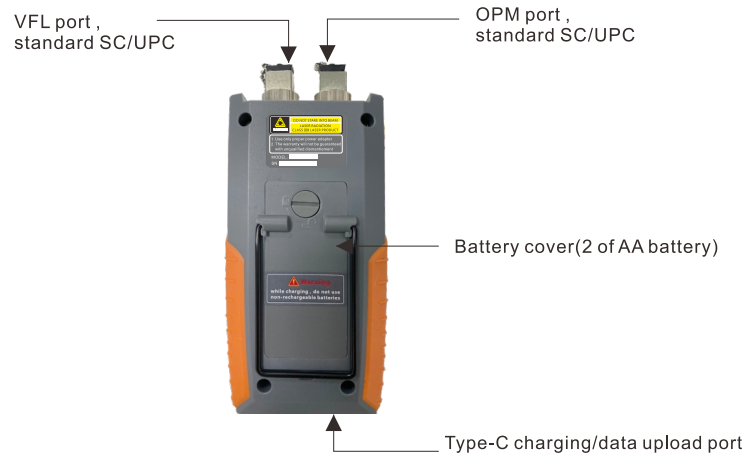
No	Icon	Description
1		ON/OFF button, long press(>2s) when power on to disable the auto-off function
2		Switch calibrated wavelength Up direction button
3		Switch display unit dBm/dB/mw, long press(>2s) to set threshold Delete the history data
4		Long press(>2s) to store the current optical value Short press to browse history data
5		Long press(>2s) to save the current optical power value as the Reference value Short press to display the current reference optical value Down direction button
6		Turn on/off backlight
7		Turn on/off instrument sound
8		Long press(>2s) to turn on the VFL, short press to change the output mode
9		Bluetooth on/off button (optional function)



Maintenance

- After using the instrument, please turn off it and cover it with a protective cap to prevent the optical interface from entering dust, and place it in a dry and ventilated place.
- If not use for a long time, please remove the battery.
- Please use the standard power adapter 5V/1A and rechargeable battery to charge the instrument
- Unauthorized disassembly, instrument failure caused by abnormal use/charging, will lose warranty eligibility

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