Grandway ®
光维通信

General Description:

The FHP series of Power Meter are the advanced version of LPM series. It is more functional and intelligent than LPM. In the situation of laboratory, LANs, WANs and CATV as well as long distance optical network, the Optical Power Meters, together with Grandway's Stabilized Laser Sources, can be used to identify optical fiber, measure optical attenuation, verify continuity and evaluate fiber link transmission quality.

Auto-Wavelength Recognition:
The FHS2D02 unit can transmit with a wavelength-identification digital encrypted protocol, enabling the FHP2 Power Meter to automatically switch to the proper calibration wavelength. This feature reduces the need for communication between the two technicians and decreases the possibility of mistake.

Referencing function:
Signal encrypting can also give the receiving end information on the power to be used as reference, helping ensure efficient referencing, even when the two units are far apart.

Computer supported:
Memory capacity of 1000 data items; enables data transfer to a PC via USB connection. With the software, the date sheet can be saved as excel or txt, and print out directly.

Features:

- Referencing function
- Memory capacity of 1000 data items, enables data transfer to a
- PC via USB connection LCD backlight for easy operation in darker environments
- More connectors are optional and interchangeable by the user
- Two powering systems: Internal rechargeable batteries or AC adaptor
- Wide measurement range
- High accuracy and Stabilized
- Auto-off function: saves the power and low power consumption allows extended operation in the field
- Three-year warranty and recommended calibration interval

Specifications:

	FHP2A02	FHP2A04	FHP2B02	FHP2B04
Calibrated Wavelength (nm)	850/1300/1310 /1490/1550/1625			
Detector Type	InGaAs			
Accuracy [①]	± 5%±1nW;		± 5%±10nW	
Resolution	0.01dB@-60 to +10dBm; 0.1dB@-70 to -60dBm		0.01dB@-40 to +26dBm; 0.1dB@-50 to -40dBm	
Linearity	±5%			
Auto Power Off	Yes			
Back Light	Yes			
Reference Value	Yes			
Measuring Range(dBm)	-70 to +10		-50 to +26	
USB Interface	N/A	Yes	N/A	Yes
Data Storage	N/A	Yes	N/A	Yes
Wavelength Recognize	N/A	Yes	N/A	Yes
Tone Detection (Hz)	270,1K,2K			
Operating Temperature	-10 to +50 ℃			
Storage Temperature	-20 to +70 ℃			
Power Supply	2pcs * Ni-MH AA(2500mAh); 6V AC/DC adaptor			
Dimension (mm)	160L*76W*45H			
Net Weight	270g			

Note: Valid at 1550nm, CW,23±3℃, Relative Humidity ≤70%, with an FC connector. [①]

Ordering Information:

Standard Accessories:
FC/PC,SC/PC,ST/PC interchangeable connector, Manual, Carrying Bag, Software (CD), USB cable, AC/DC adapter, Test Report.

Optional Accessories:

Description	Ordering Number	Description	Ordering Number
LC Adapter	FHP-LC	1.25mm Universal Adapter	FHP-U1.25
Rubber Boot	FH-RB	Aluminium Carrying Box	FH-PS

NOTE: PLEASE CONTACT GRANDWAY FOR AVAILABILITY AND LEAD TIME.