

General Description:

The PM2 series of Power Meters are functional and refined. These exceptional units have been designed to function in laboratories, LANs, WANs and CATV as well as long distance optical networks. The PM2 series together with our 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 LS-202D and LS-203D units can transmit with a wavelength identification digital encrypted protocol, enabling the PM2 Power

Meter to automatically use the proper calibration parameters. This feature reduces the need for communication between the two technicians and decreases the potential for error.

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 data sheet can be saved as excel or plain text.

Features:



Specifications:

	PM-202A	PM-204A	PM-202B	PM-204B
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			

- 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 dynamic range and high power measurement capability
- 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

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

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
MU Adaptor	PMA-MU	2.5mm Universal Adaptor	PMA-U250
E2000 Adaptor	PMA-E2000	1.25mm Universal Adaptor	PMA-U125
LC Adaptor	PMA-LC	Aluminum Carrying Box	ACB

NOTE: PLEASE CONTACT YOUR LOCAL DISTRIBUTOR FOR AVAILABILITY AND LEAD TIME.