

PON Optical Power Meter (PPM-6WL)

Features

- Providing simultaneous measurement at BPON/EPON/GPON for all three wavelengths on the fiber (1310nm ,1490nm, 1550nm)
- Used in Burst mode measurement of 1310nm upstream.
- Uses the software connect with PC, setting the threshold, data transfer, and calibration the wavelength.
- CW light power measurement is available with wavelengths of 850,1300, 1310, 1490, 1550, 1625nm.
- VFL Function for quick and efficient Visual Inspection.
- USB communication port enables data transfer to a PC.
- 1000 measurement items can be saved in JW3212B PON power meter or computer for data review.
- Offers up to 10 different threshold sets in total; Three status LEDs represent different optical signal conditions of Pass, Warn and Fail respectively.
- User self-calibration can be performed and "Factory Default" mode can be retrieved in computer through the software.
- PON SC standard connector, easy to test, other type connector port can be required on customer requests.
- Backlight LCD display supports night operation.
- 10 minutes Auto-off function can be activated or deactivated with keypad operation.



Specification:

General Information	
Detector Type	InGaAs
Optical Connector	FC/SC/ST Interchangeable
Fiber Type	9/125um
Display	LCD: 128 * 64
Measurement Unit	dB/dBm/xW
Resolution (dB)	0.01
Operation Voltage(V)	DC 3.3 ~ 5.5
Power Supply	3 AA1.5V battery
Continuously Operation time (h)	PON Power Meter Mode: 90h Normal Power Meter Mode: 100h VFL Mode: 50h
Operation Temperature(°C)	-10 ~ 60
Storage temperature(°C)	-25 ~ 70
Weight(kg)	500g

1310 upstream measurement	
Pass Zone(nm)	1260 ~ 1360
Isolation@1490/1550(dB)	> 40
Measurement Range(dBm)	-40 ~ +10
1490 downstream measurement	
Pass Zone(nm)	1470 ~ 1505
Isolation @ 1550nm(dB)	> 30
Isolation@ 1310nm(dB)	> 40
Measurement Range(dBm)	-40 ~ +12
1550 downstream measurement	
Pass Zone(nm)	1535 ~ 1570
Isolation at 1490nm(dB)	> 40
Isolation at 1310nm(dB)	> 40
Measurement Range(dBm)	-40 ~ +25
Measurement Accuracy	
Connatural uncertainty(dB)	±0.5
Linearity(dB)	±0.1
Passing through insertion Loss(dB)	< 1.5