

This new PON power meter aims at the FTTx application and maintenance which can be used to test and estimate the signals of the voice, data and video at the same time. It is an essential and ideal tool for the construction and maintenance of the PON projects.

Features

- Providing simultaneous measurement at all three wavelengths on the fiber (**1490nm, 1550nm,1310nm**)
- Used in Burst mode measurement of **1310nm upstream**
- USB communication port enables data transfer to a PC
- **1000** measurement items can be saved in JW3212 PON power meter or computer for data review.
- JW3212 PON power meter offers up to **10** different threshold sets in total; Three status LEDs represents 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
- Backlight LCD display supports night operation.
- **Optional:** 10 minutes auto-off function and low battery indication.

Specifications



Item	Specifications
1310nm upstream measurement	
Pass zone (nm)	1260~1360
Isolation @1490/1550nm(dB)	>40
Measurement Range (dBm)	-40~+10
1490nm downstream measurement	
Pass zone (nm)	1470~1505
Isolation @1550nm(dB)	>30
Isolation @1310nm(dB)	>40
Measurement Range (dBm)	-40~+10
1550nm downstream measurement	
Pass zone (nm)	1535~1570
Isolation @1490nm(dB)	>40
Isolation @1310nm(dB)	>40
Measurement Range (dBm)	-40~+20
Connatural Uncertainty (dB)	±0.5
Linearity (dB)	±0.1
Passing through insertion Loss (dB)	<1.5
Display	Graphic display, Resolution is : 128*64
Measurement Unit	DBm, dB, mW, and uW
Resolution	0.01dB
Fiber Type	9/125um
Rechargeable Battery	7.4V