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

◇ 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

Description

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.

Parameter

Item	Specification
1310nm upstream measurement	
Pass zone	1260~1360 nm
Isolation @1490/1550nm	>40 dB
Measurement range	-40~+10 dBm
1490nm downstream measurement	
Pass zone	1470~1505 nm
Isolation @1550nm	>30 dB
Isolation @1310nm	>40 dB
Measurement range	-40~+10 dBm
1550nm downstream measurement	
Pass zone	1535~1570 nm
Isolation @1490nm	>40 dB

Isolation @1310nm	>40 dB
Measurement range	-40~+20 dBm
Measurement Accuracy	
Connatural uncertainty	±0.5 dB
Linearity	±0.1 dB
Passing through insertion loss	<1.5 dB
General Information	
Display	Graphic display, Resolution is : 128*64
Measurement unit	DBm, dB, mW, and uW
Resolution	0.01dB
Fiber Type	9/125um
Input power range	DC 6.5V~8.5V
Rechargeable battery	7.4V
AC adaptor	8.4V
Operating temperature	-10℃ ~ +60℃
Storage temperature	-25℃ ~ +70℃
Dimensions	210X115X55

Applications

◇ PON network(EPON &GPON)