

TAM8712 PON Optical Power Meter



TAM8712 PON Optical Power Meter aims at the FTTx application and maintenance which not only can be used to test and estimate the PON signals at the same time, but also the normal power measurement and fault identification. It is a useful, essential and ideal tool for the construction and maintenance of the PON projects.

Features:

- . Providing simultaneous measurement at all three wavelengths (1490nm, 1550nm&1310nm)
- . Burst mode measurement at 1310nm wavelength
- . Large LCD screen with backlight function
- . 10 minutes Auto-off function
- . Data upload via USB cable
- . 1000 storage test records
- . 10 different threshold sets;
- . 3 Colors LED light Green, Yellow or Red represent 3 types of signal conditions Pass, Warn or Fail.
- . Added User self-calibration function in software which used to calibrate the PON module or set the threshold value.
- . Added Factory Default function in software which enable all the customers setting back to the factory setting



Specification PON module:

Model	JW3212B
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
General Information	
Detector Type	InGaAs
Optical Connector	Interchangeable FC/SC/ST
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
Working Hours (hr)	90 without backlight
Operation Temperature(°C)	-10°60
Storage temperature(°C)	-25°70
Weight(kg)	500g

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