

JW3239C 10G PON Power Meter



1.Overview

The JW3239C PON power meter is suitable for the traditional or next generation PON network testing. It can simultaneously measure the voice, data and video signals on 1490nm/1550nm/1577nm (downlink spectrum) and 1270nm/1310nm (burst mode uplink spectrum) optical fiber, the same screen displays the signal power of each of the 5 wavelengths, which enables the maintenance personnel to truly master the power value of the single wavelength optical signal on the line. It is an ideal choice for PON network engineering, construction and maintenance to detect and analyze optical fiber with optional end-face detector and judge whether the signal power is up to the standard by threshold data set by the instrument itself.

2.Features

- **3.5-inch TFT color screen**
- **Compatible with EPON,GPON and next generation10G-EPON/XG-PON power measurement functions**
- **5 wavelength power value simultaneous measurement display-The instrument can set the measurement threshold to**
- **Determine the pass,warning, fail state**
- **Support VFL and standard OPM module functions-Data storage function up to 1000**
- **Optional end-face microscope tester**

3.Specifications

PON Power Meter Mode					
Measuring wavelength	1270nm	1310nm	1490nm	1550nm	1577nm
Measuring range (dBm)	+13~-40	+13~-40	+13~-50	+25~-50	+10~-50
Spectral passband(nm)	1270±10	1310±20	1490±10	1550±10	1577±6
Insertion loss (dB)	≤1.5				
Uncertainty (dB)	≤0.5				
Interface type	(FC/SC)/APC (Optional)				
Display resolution (dB)	0.01				
Threshold settings	10 Groups				
Data Storage	1000				
Standard OPM Mode					
Measurement Range (dBm)	+26~-50				
Calibration Wavelength(nm)	850/1300/1310/1490/1550/1625				
Uncertainty (dB) ²	≤0.5				
VFL					
Wavelength(nm)	650±10				
Output Power (mW)	10				
Modulation frequency	Lighting form, 1HZ				
Others					
Operating Temperature(°C)	-10~+60				
Storage Temperature(°C)	-25~+70				
Relative humidity	0%~95%RH				
Communication I	Micro USB				

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Interface	
Power Supply	Rechargeable 3.7V lithium battery/Micro USB
operating time(h)	Operating time ≥20H, stand-by time 260H
Dimension (mm)	188mm×88mm×44mm
Weight(g)	400

注： 1、T=23±2℃ test 2、@1550nm, +26~-30 dBm downlink

4、Standard Configuration

No	Name	Qty
1	JW3239C 10G PON Power Meter	1
2	User Manual	1
3	Connector (FC/SC)	1
4	5V Power Adapter	1
5	Micro USB Line	1
6	CD	1