

PON power meter GW307



GW307 PON optical power meter is based on an ultra-low-power single-chip microcomputer and a color code break screen design, with an internal integrated filter, which can test the optical power value of voice, data and video signals at the same time. Its working method is to extract a very small part of the optical signal online at any position in the PON network, and then it can be measured during the entire FTTx service opening, maintenance, and detection phases to reliably verify and ensure that the network communication requirements are met. GW307 PON optical power meter can set 10 sets of judgment thresholds, provide pass, warning or fail status indication for each wavelength, and save the test results at the same time, which is convenient for reviewing the test results. It is ideal for PON network engineering, construction and maintenance choose.

Features :

1. Can be set to automatically shut down
2. 10 groups of thresholds can be set
3. Measurement and warning thresholds can be set
4. Support burst mode test at 1310nm upstream wavelength
5. Supports simultaneous measurement and display of voice, data and video signals on the PON architecture
6. Built-in filter, test 1310nm upstream signal, 1490nm/1550nm downstream signal in PON system at the same time

Specifications :

PON OPM			
Wavelength	1310±50nm	1490±15nm	1550±10nm
Isolation 1310nm	--	>40dB	>40dB
Isolation 1490nm	>40dB	--	>40dB
Isolation 1550nm	>40dB	>40dB	--
Measuring Range	-35~+10dBm	-40~+12dBm	-40~+25dBm
Uncertainty	≤0.5dB		
Insertion Loss	≤1.5dB		
Detector type	InGaAs		
Display Resolution	0.01dB		
Fiber type	SM 9/125μm		
Threshold setting	10groups		
Connector	FC/UPC (Interchangeable SC、ST)		
Others			
Display	Color LCD		
External storage	10		
Data Interface	Micro USB		
Power Supply	Three 1.5V AA batteries		
Battery Life	Standby>20h; Measuring time>12h		
Operating Temperature	-10°C~+50°C		
Storage Temperature	-40°C~+70°C		
Relative Humidity	0~95%Non Condensing		
Size	186mm×100mm×50mm		
Weight	150g		

Standard Package :

1. Main body
2. User's manual
3. Qualification certificate
4. FC, SC adapters
5. 1.5v AA x3 batteries
6. Soft Pouch

