

XGPON/10GEPON Power Meter

Model: BD-PON-J310G



Introduction

XGPON/10GEPON power meter is a new tester for FTTX network. It has all the functions of traditional PON tester. Besides, it also has the function of the next generation PON testers. The XGPON optical power meter could judge whether the power value is suitable or not by self-setting the threshold. It is an ideal tester for PON network and maintenance.

Specifications

G/E PON Module			
Wavelength	1310nm	1490nm	1550nm
Range (dBm)	+10~-40	+10~-40	+25~-40
Spectral band pass	1310±50	1490±10	1550±30
Isolation	1490nm>40dB 1550nm>40dB	1310nm>40dB 1550nm>35dB	1310nm>40dB 1490nm>35dB
XGPON /10GEPON Module			
Wavelength	1270nm		1577nm
Range (dBm)	+10~-40		+10~-40
Spectral band pass	1270±20		1577±20
Isolation	1577nm>40dB		1270nm>40dB

Other	
In penetration mode IL (dB)	≤1.5dB
Uncertainty	≤0.5dB
Resolution	0.01dB
Threshold setting	10
Data storage	1000pcs
Working temperature	-10°C~+60°C
Relative humidity	0%~95%RH
Connector type	SC/APC (FC/APC optional)
Communication port	USB
Power supply	3pcs AA1.5V battery
Working time	Working time≥20H, standby time≥60H
Size	L*W*H 192mm×102mm×50mm
Weight	420g
VFL Module (optional)	
Output power	>0.5mW
Wavelength	650nm
Optical Connector	FC/SC/STInterchangeable/2.5 universal adapter
Fiber Type	SM/MM

Pon power meter 10:40	
1310nm ONT	-15.00 dBm
1490nm OLT	-15.00 dBm
1550nm VID	-35.00 dBm

XGPon power meter 10:40	
1270nm ONT	-05.80 dBm
1577nm OLT	-03.50 dBm