XG PON Power Meter



Product overview

XGPON/10GEPON optical power meter is a new test instrument for FTTX business and maintenance. It not only supports all functions of traditional PON optical power meter, but also has the next generation XGPON/10GEPON power measurement function, it is an ideal choice for PON network engineering, construction and maintenance to detect whether the optical power reaches the standard accurately by the threshold data set by the user.

Technical Specification

G/E PON mode			
Measuring wavelength	1310nm	1490nm	1550nm
Measuring range（dBm）	+10～-40	+10～-40	+25～-40
Spectral passband (nm)	1310±50	1490±10	1550±30
Isolation	1490nm wave-band＞40dB 1550nm wave-band＞40dB	1310nm wave-band＞40dB 1550nm wave-band＞35dB	1310nm wave-band＞40dB 1490nm wave-band＞35dB
XGPON /10GEPON mode			
Measuring wavelength	1270nm		1577nm
Measuring range（dBm）	+10～-40		+10～-40
Isolation	1577nm wave-band＞40dB		1270nm wave-band＞40dB

Other parameter	
Penetrance IL（dB）	≤1.5dB
dB	≤0.5dB
Display resolution	0.01dB
Threshold settings	10 group
Data storage	1000 group
Working temperature	-10℃～+60℃
Relative humidity	0%～95%RH
Fiber optic interface type	SC/PC (APC optional)
Communication interface	USB port
Power Supply	3*AA1.5V battery
Working time	Working hour≥20H，standby hour≥60H
Dimension	L*W*H 192mm×102mm×50mm
Weight	420g

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