



User's Guide to the Mini Optical Power Meter

Features

- Imported sensor head.
- 2.5mm universal interface (support FC/SC/ST connectors).
- Low power consumption, continuously work more than 80 hours.
- Linear optical power and logarithmic power display.
- Automatic measuring range adjustment and power remains indication.
- Relative value measurement function.
- Compact and portable design.

2

Product: Optical Power Meter

Application: maintenance and test of telecommunication line, cable manufacturer, test of FTTx

Description

Pen type optical power meter has compact structure and stable performance, ensure high measuring precision of 850nm,1300nm,1310nm,1490nm,1550nm and 1625nm Wavelengths.

Use together with optical source could accurately measure the loss of fiber, cable and other passive optical device.



1

Specification

Type	A	B
Display Range	+10~-70dBm @ 1550nm	+26~-50dBm @ 1550nm
Resolution(dB)	0.01	
Calibrated Wavelength(nm)	850/1300/1310/1490/1550/1625	
Sensor Type	InGaAs	
Accuracy	0.35dB±1nW	0.35dB±10nW
Working Wavelength	800~1700nm	
Continuous Working Hours	About 80 hours (stand-by time: About 1600 hours)	
Power Source	Operates with two AAA batteries	
Working Temp	-0 ~+40°C; <90%RH	
Storage Temp	-20 ~+70°C; <90%RH	
Accessory	Quick guide, Packing box, Carrying case	
Dimension	L120nm*W33nm*H30mm / About 70g	

Note:

1. With 1550nm mode, under 23°C±3°C test condition
2. New battery, under 23°C±3°C test condition

3

Control Panel



4

Num.	Icon	Description
1	850/1300/1310/ 1490/1550/1625nm	Display current wavelength
2	-51.99dBm	Display current power value
3		Indicate remaining capacity of batteries
4		Power Switch: long press($\geq 2s$) to turn on/off the power; Short press($\leq 1.5s$) to turn on/off backlight
5		Fn button: short press($\leq 15s$)to switch between wavelengths Long press($\geq 2s$) to set reference value
6	Interface	2.5mm standard interface
7	Dust Cap	Resist dust for interface
8	Battery Compartments	Install with 2*AAA batteries

5