MODEL：WT65

Optical Power Meter Operation Manual

Version：WT65-EN-00

A、Brief

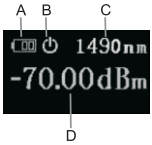
In consideration of ergonomics, this mini optical power meter with its compact, portable and easy operating features is specially designed for pros who amount, maintain the fiber optic network. This unit is widely applied with its 6 wave length selection.

Application fields:
1.Optic fiber engineering;
2.Optic fiber sensor research;
3.Optic elements production;
4.Optic elements research;
5.Other optic fiber engineering.

B、Features

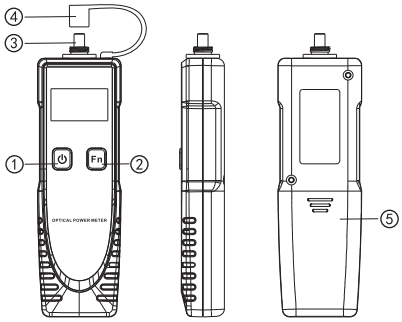
- 6 optic wave length for selection --- 850nm/ 1300nm/1310nm/1490nm/1550nm/1625nm;
- Universal optic interface design;
- Reading unit switching between absolute power and relative power;
- Battery volume display;
- Auto power off (optional);
- Light, mini size and low power consumption.

C、LCD Display



a、Battery volumn display;
b、Auto power off icon;
c、Current wave length measured;
d、Absolute/relative reading;

D、Components and keys



1、ON/OFF key to power on and power off;
2、Switch between absolute and relative power readings;
3、FC converter for FC/SC/ST interface;
4、Dust-proof cap for converter;
5、Battery door for 2 AAA batteries of 1.5V.

E、Operation instruction

1. Short press on the on/off key to power on, and the Auto Power Off icon appears on the LCD, indicating that the unit will turn off automatically if there is no further operation on the key within 10 minutes. When the unit is on, short press on/off key to activate or deactivate the Auto On/Off function. Long press the on/off key to power off the unit.

2. Short press on the Fn key to switch between the 6 wave length of 850nm/1300nm/1310nm/1490nm/ 1550nm/1625nm. Long press on the Fn key to select dBm or dB measure mode. The first reading is 0 dB when entering the dB mode.

Specifications	
Measuring range	-70dBm ~ +6dBm
Wave Length	850nm，1300nm，1310nm，1490nm，1550nm，1625nm
Resolution	0.05
Accuracy	≥-48dBm，±2dBm ≤-48dBm，±3.5dBm
Operation environment ≥-48dBm	Temperature：0~40℃（32℉~104℉） Humidity：5~95%
Operation environment ≤-48dBm	Temperature：0~32℃（32℉~89.6℉） Humidity：5~80%
Storage environment	Temperature：0~40℃（32℉~104℉） Humidity：5~95%
Auto power off time	10 minutes
Dimension	34x114x17.5MM
Power	1.5V AAA*2
Weight	59.22g Including Battery