

Optical Power Meter PON

FOMS-F2-OPM-PON-1415-SC

INTRODUCTION

In the PON network, by extracting a small part of the optical signal online, the TC-82 PON Power Meter can be carried out in the whole FTTx service opening, maintenance and detection stage, which can reliably verify and ensure to meet the requirements of network communication. It can test the optical power value of voice data and video signals at the same time, and give the warning of exceeding the threshold. It is an ideal choice for engineering, construction and maintenance.

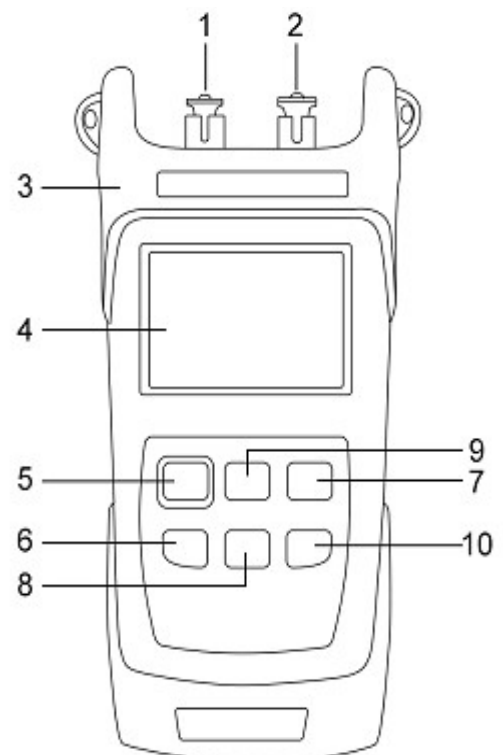
FEATURES

- Hand-held, easy to operate
- Automatically shut down can be set
- Burst mode test for 1310nm upstream wavelength
- Measurement and alarm thresholds can set
- Support the synchronous measurement and display of experimental voice, data and video signals on PON architecture
- Upstream signal 1310nm, downstream signal 1490nm and 1550nm in PON system can be measured at once



LAYOUT

- 1. ONT:** upstream signal 1310nm detection port
- 2. OLT/VIDEO:** downstream signal 1490/1 550nm detection port
- 3. USB:** mobile power supply available, non charging
- 4. Display Screen**
- 5. ON/OFF&Auto shutdown key**
- 6. REF:** set reference power
- 7. THR:** set the threshold
- 8. ▼/LOAD:** save or view the saved results
- 9. ▲/UNIT:** switch display unit dBm/dB/mW
- 10. SEL:** in threshold set mode, switch the lower limit of threshold and the lower limit of alarm in threshold group; in the view interface, switch to saved items.



SPECIFICATIONS

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	0.1dB		
Fiber Type	SM 9/125μm		
Threshold Setting	10 groups		
Connector	SC/APC or SC/UPC		
Others Parameters			
Display	Color LCD		
Inner Data Storage	10		
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		
Dimensions	186*100*50mm		
Weight	about 150g		

PACKAGING



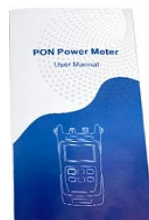
PON POWER METER



BAG



BATTERY



USER MANUAL



CARTON BOX