

FOPM-201/202 Optical Power Meter



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FOLS-202/202 handheld optical power meter is a fiber optic tester with upgraded appearance and humanized design, which is mainly used in FTTx networks and fiber network testing. It has a wide range of power measurement and high accuracy, and can be used for absolute optical power measurement and relative loss measurement. When combine with a light source, the instrument is called an Optical Loss Test Set, or OLTS, typically used to measure optical power and end-to-end optical loss.

Standards Compliance

- ISO9001 Certificate
- CE Certificate
- RoHS Compliant
- REACH Certificate
- FCC Certificate
- WEEE Certificate

Features

- Using Advanced Measurement Technology, Accurate to 0.01dB
- Membrane Touch Buttons Makes It More Durable and Easier to Store
- Protective Case Protects the Power Meter from Being Damaged by Falling, Shocking and Wearing
- LCD Backlight for Easy Operation in Darker Environments
- Auto-off Function Saves the Power and Low Power Consumption Allows Extended Operation in the Field
- Wide Dynamic Range and High Power Measurement Capability

Product Specifications		
ID Number	#97488	#97489
Part Number	FOPM-201	FOPM-202
Resolution	0.01 dB	0.01 dB
Measurement Range	-70 to 10dBm	-50 to 30dBm
Calibrated Wavelengths	SMF: 1310/1490/1550/1625nm MMF: 850/1300nm	
Accuracy (1310/1490/1625nm)	±0.2 dB	±0.2 dB
Accuracy (1550nm)	±0.2dB: -60 to 3dBm ±0.8dB: 3 to 6dBm, -65 to -60dBm ±3.0dB: 6 to 10dBm, -70 to -65dBm	±0.4dB: -40 to 23dBm ±0.8dB: 23 to 26dBm, -45 to -40dBm ±3.0dB: 26 to 30dBm, -50 to -45dBm
Accuracy (850/1300nm)	±0.6 dB	±0.6 dB
Linearity	±2%	±2%
Detector Type	InGaAs	InGaAs
Response Range	700~1700nm	700~1700nm
Optical Connector	2.5mm FC/SC/ST	2.5mm FC/SC/ST
Cable Type	SMF & MMF	SMF & MMF
Auto-off Function	Supported	Supported
Power Supply	2x AA Batteries	2x AA Batteries
Relative Humidity	<90% (non-condensing)	<90% (non-condensing)

General Specifications

Operating Temperature	-10 to 50°C (14 to 122°F)
Storage Temperature	-20 to 60°C (-4 to 140°F)
Dimensions	6.3"x3"x1.3" (160x75x32mm)
Weight	180g

Products List

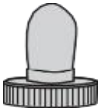
Optical Power Meter List

ID Number	Description
#97488	FOPM-201 Handheld Optical Power Meter (-70~+10dBm) with 2.5mm FC/SC/ST Connector
#97489	FOPM-202 Handheld Optical Power Meter (-50~+26dBm) with 2.5mm FC/SC/ST Connector
#97490	FOPM-203 Handheld Optical Power Meter (-70~+10dBm) with 2.5mm FC/SC/ST Connector
#97491	FOPM-204 Handheld Optical Power Meter (-50~+26dBm) with 2.5mm FC/SC/ST Connector
#97492	FOPM-205 PON Optical Power Meter with 2.5mm FC/SC/ST Connector
#12796	FOPM-107 MPO Optical Power Meter with MPO connectors

Accessories List



SC Adapter x1



ST Adapter x1



FC Adapter x1