

PON Optical Power Meter (PPM-M1)



Key Features:

- Dual-port and pass-through design
- Ten groups threshold can be selected
- Three indicators display the optical path state.
- USB interface store 99 records in tester
- Test power value of 1490nm, 1550nm and 1310nm in PON system at the same time.
- Test burst mode of 1310nm up wavelength.

Application:

- FTTx/PON open: test all PON signal during opening to prove that match the network standard.
- FTTx/PON maintenance: test the transmission performance in daily maintenance.
- It can easily evaluate power value of any position in network which is from OLT to ONT.

Technical Specifications

Calibrate Wavelength	1310nm up Test	1490nm down Test	1550nm down Test
Passband (nm)	1260~1360	1470~1505	1535~1570
Detection Range (dBm)	-40 ~+10	-40 ~+10	-40 ~ +25
Isolation of 1310nm (dB)		>40	>40
Accuracy of Measurement			
Natural Uncertainty (dB)	±0.5		
PDL Polarization Dependent Loss (dB)	<±0.25		
Linearity (dB)	± 0.1		
Through Insertion Loss (dB)	<1.5		
General Specifications			
Display	LCD: 4 1/2		
Unit	dB/dBm		
Resolution	0.1dB		
Power Supply	7.2V Ni-MH rechargeable battery		
Optical Fiber Type	SM		
Operating Temperature	-10 ~ 50°C		
Storage Temperature	-40 ~ 70°C		
Dimension (MM)	L x H x W: 55 x 95 x 190		