

# Portable PON Optical Power Meter



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make your optical networks more reliable



APPM-A PON power meter is applied to accurately testing system installation and maintenance for FTTX/PON. The portable power meter features of compact size, stable performance, low power consumption and sample operation, and is used for test at on-site and laboratory.

## Features

- Identify and test three wavelength.
- Real-time and power threshold adjustable test.
- Wide dynamic measurement range.
- Low power consumption design, low battery warning.
- Upstream burst purls test at 1310 nm.
- Test and measurement of PON signals, anywhere in the network, and does not block communication between OLT and ONU.

## Applications

- PON system
- FTTX

## Specifications

Parameter		Unit	Value	Notes
Detector	Material		InGaAs	
	Port		two ports. (A)UPC/ SC	
Calibrated Wavelengths		nm	1310、1490、1550	
Spectral Passband		nm	1480~1500	Downstream Wavelength (CW)
			1539~1565	
		1260~1360	Upstream Wavelength (Burst)	
Measurement Range	Optical Power	dBm	-40~+10	1490nm(Downstream, CW)
			-30~+22	1550nm(Downstream, CW)
			-30~+10	1310nm(Upstream, Burst)
	1310nm min Burst Packet	μ s	0.6	Optical Power>26.0 dBm
			0.7	Optical Power >28.0 dBm
		0.8	Optical Power >30.0 dBm	
Maximum Input Power		dBm	+10	1310 nm
			+10	1490 nm
			+22	1550 nm
Isolation		dB	1490/1550nm waveband isolation > 30	Testing 1310nm
			1310nm waveband isolation > 45	Testing 1490nm
			1550nm waveband isolation > 30	
			1310nm waveband isolation > 45	Testing 1550nm
			1490nm waveband isolation > 30	
Display Units			dBm、dB	
Resolution		dBm	0.1	
Uncertainty		dB	±0.5	
Pass Through Insertion Loss		dB	1.5	
Power Supply	Adapter		AC220V/DC6V	
	Battery		2×1.5V(AA/LR6)	
Battery Life		h	> 20	
Operation Environment		Temperature	-5~40	Storage
		Relative Humidity	-40~70	
Package		mm	180×85×40	
Weight		g	500	

## Ordering information

