

PRO - PON-301 PON Meter

PRO's advanced PON-specific power meter, the PON-301, is the flagship of PRO's test instruments, specifically intended for FTTH and FTTP systems. The PON-301 is the ideal tool for FTTH/FTTP service activation and field application troubleshooting.

SPECIFICATIONS

	FC/PC	SC/PC	ST/PC
Measurement Range	1310nm(Burst Mode)	1490nm	1550nm
	-25dBm~+5.5dBm	-30dBm~+15dBm	-40dBm~+20dBm
Spectral Passband	1310nm	1490nm	1550nm
	1260nm~1360nm	1480nm~1550nm	1539nm~1565nm
Insertion Loss	1.5dB		
Accuracy	± 0.5dB		
Linearity	± 0.2dB		
Display	2.8 inch TFT LCD		
Refresh Rate of Display	2.5Hz		
Threshold	10 sets(configured via PC-based software)		
Number of Ports	2(1 for ONU,1 for OLT& Video)		
Operating Temperature	14 to 122 °F (-10 to +50 °C)		
Relative Humidity	0%~95%,non-condensing		
Power Supply	1.2V*4pcs Ni-MH AA;12V AC/DC Adapter		
Battery life	>20 hours		
Dimension	7.5 x 4.1 x 2.2 in (190 x 105 x 55 mm)		
Net Weight	1.5 lbs (700g)		

Features:

- Pass-through connection for ONT signal measurement
- Simultaneous measurement of all PON signals
- Filtered detectors for individual measurements of each wavelength
- Upstream burst detection at 1310 nm

Standard Accessories:

FC/PC,SC/PC,ST/PC interchangeable connector, manual, travel bag, software (CD), USB cable, Batteries, AC/DC adapter, and test report.

APC Available on Request



ORDERING INFORMATION

PON-301	PRO PON - 301
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OPTIONAL ACCESSORIES:

PMA-LC	LC Adapter	PMA-U25	2.5mm Universal Adapter
PMA-E2000	E2000 Adapter	PMA-U125	1.25mm Universal Adapter

PRO - OVA-201S / 202S Optical Attenuator



The OVA2 digital variable optical attenuator is a compact, portable instrument widely used in fiber link certification and routine maintenance as well as in a lab environment.

Application:

- Maintenance of Telecom Systems
- Maintenance of CATV Systems
- Fiber Optic Transmission System & Test Lab
- Various other Trouble Shooting Applications

Standard Accessories:

FC/PC,SC/PC,ST/PC interchangeable connectors, Carrying Case, User Manual, Rechargeable Battery, Worldwide Compatible AC/DC Adapter/Charger

Optional Accessories:

Various connector adapters

SPECIFICATIONS

	OVA-201S	OVA-202S
Attenuation Range	0~80dB	0~60dB
Fiber Type	SMF 9/125 μm	
Calibrated Wavelengths	1310nm/1550nm	
Linearity	≤0.3dB	
Accuracy	0.2dB @3~30dB 1.0dB @ 30~60dB 2.0dB@60~80 dB	0.2dB @3~20dB 0.5dB @ 20~50dB 1.0dB@50~60 dB
Insert Ion Loss	<3dB	
Return Loss	>50dB(PC)	
Max Input Power	24dBm	
Power Supply	1.2 V Ni-MH Battery * 2pcs	
Connector	Interchangeable FC/PC, SC/PC, ST/PC connectors.(FC/APC, SC/APC are available at time of ordering)	
Operating Temperature	-10 °C to 50 °C	
Storage Temperature	-20 °C to 60 °C	
Relative Humidity	0%~95% (non-condensing)	
Dimension	160L*76W*45H(nm)	
Weight	360g(Battery included)	

ORDERING INFORMATION

OVA-201S	Optical Attenuator
OVA-202S	Optical Attenuator