



Precision Rated Optics

Work with a PRO!

PON-301B *PON Meter*



Rugged, reliable and designed as a “pass-through” device, the PON-301B PON Meter can perform in-service testing of all PON signals (1310/1490/1550nm) from anywhere within the network. The PON-301B also features a “Burst Mode,” as well as instantaneous “Pass/Warning/Fail” assessment.

Because the PON-301B is a pass-through device, it can be connected anywhere between the OLT and ONT, enabling all wavelengths to be tested simultaneously, providing no interruption of network services.

Sold, serviced and supported in the USA, the PON-301B comes with a 1-year manufacturer warranty and includes a charger and soft carrying case.

- “Pass-Through” Design
- Instantaneous “Pass/Warning/Fail” Assessment
- Upstream Signal Burst Mode Detection at 1310nm
- Data Storage for 2,000 Records
- User-Defined Threshold Settings
- LCD screen is viewable in sunlight

SPECIFICATIONS

Calibrated Wavelength	1310nm	1490nm	1550nm
Measurement Range	-40 ~ +10	-40 ~ +12	-40 ~ +20
Spectral Passband (nm)	1310±50	1490±15	1550±10
Power Uncertainty (dB)		≤ 0.5	
Accuracy (dB)		0.01	
Insertion Loss (dB)		≤ 1.5	
Display		Color TFT	
Connectors		FC/PC (Interchangeable SC, ST)	
Data Storage		> 2,000 Records	
Data Interface		USB	
Power Supply		Rechargeable Lithium-ion Battery (1050mAh) / AC/DC Power Adapter/Charger Voltage: 110-240 VAC Frequency: 50-60 Hz	
Battery Capacity		≥ 6 Hours	
Operating Temperature		14° F ~ 140° F (-10° C ~ 60° C)	
Storage Temperature		-13° F ~ 158° F (-25° C ~ 70° C)	
Environmental Conditions		0 ~ 95% (Humidity, Non-Condensing)	
Waterproof Rating		IP54	
Drop Test		2 meters	
Weight & Dimensions (HxWxD)		6.9" x 3.1" x 1.7" / 12.1oz (177 x 80 x 44mm / 345g)	

PON-301B Standard Package Includes:

PON Meter, Lithium-ion Battery, Protective Rubber Boot, USB Data Transfer Cable, PC Software CD, AC/DC Power Adapter/Charger, CE Certificate, Certificate of Calibration, User Manual, Protective Soft Carrying Case

Ordering Information

PON-301B Triple-Play PON Meter 1310/1490/1550

P/N: PRO-PON-301B v.4.27.15

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