

PON meter

PON-301

Description

The PON-301 is the ideal tool for FTTH/FTTP service activation and field application troubleshooting.

Optimizing network reliability requires that all PON signals be measured all the way through service activation to ensure they meet established standards.

Throughout the maintenance phase, various transmission problems; fiber cuts, damaged/dirty connectors, macrobends, optical transmitter failure, etc., may ultimately cause signal loss or degradation. The PON-301 offers the following features to address these specialized needs:

- 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
- Quick, on-site test and measurement of PON signals, anywhere on the network
- Fault identification and isolation

Standard Accessories include:

FC/PC connector (SC/PC, ST/PC, FC/APC, SC/APC Optional) Carrying Bag, User Manual, AC/DC power adapter, USB Cable, Test report



Specifications:

		PON-301		
Connector Style		FC/PC SC/PC ST/PC		
Measurement Range	1310nm (Burst Mode)	1490nm	1550nm	
	-25dBm~+5.5dBm	-30dBm~+15dBm	-40dBm~+20dBm	
Spectral Width	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 LCD	2.5Hz			
Threshold	10 Sets (User Programmable, via PC)			
Auto Power-off	Yes			
Operating Temperature	-10 to +50°C			
Relative Humidity	0% to 95%			
Power Supply	1.2V*4pcs Ni-MH AA; 12V AC/DC Adapter			
Battery Life	>20 hours			
Dimension (mm)	7.5 x 4.1 x 2.2 in (190 x 105 x 55 mm)			
Net Weight	1.5 lbs (700 g)			
Warranty	1 year			

Ordering Information:

Description	Part Number
PON-301 - PON Meter	30032535

Optional Accessories

Description	Part Number	Description	Part Number
E2000 Adapter	30032496-01	2.5mm Universal Adapter	30032496-03
LC Adapter	30032496-02	1.25mm Universal Adapter	30032496-04

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