

Key Benefits

- Simultaneously verifies the power levels of all PON wavelengths (1310 nm, 1490 nm and 1550 nm)
- Pass/fail analysis helps user quickly interpret results and ensures consistent PON network turn-up
- Green light/red light LED helps user easily identify pass/fail results
- Rugged unit is water resistant and shock resistant

The EP300 is a passive optical network (PON) power meter, which enables the user to quickly validate PON network installations. This compact test equipment is able to measure all three EPON wavelengths (1310 nm, 1490 nm, 1550 nm) simultaneously, with user defined pass/fail thresholds to simplify interpretation. Results can be downloaded to a PC for further analysis.



Specifications

Optical Specifications						
	1310		1490		1550	
Measurement Range (DBm)	CW	10 ~ 40	10 ~ 40		25 ~ 40	
	BW	8 ~ 30				
	< 0.4					
Spectral Passband (nm)	1260-1360		1480-1500		1540-1560	
Wave Isolation (dB)	1490	>50	1310	>40	1310	>40
	1550	>50	1550	>40	1490	>40
ORL (dB)	-55					
Fiber Type	Single-mode fiber					
Connector Type	FC/PC SC/PC					
General Specifications						
Precision	±0.21 dB @ (22±2.5) °C, @ 1300 nm/ 1490 nm / 1550 nm					
Power Uncertainty	0.5 dB					
Unit	dBm; dB; W					
Resolution	0.1 dB					
Power	3.6 V battery / 5 V adapter					
Display	LED					
Threshold Sets	12 configurable threshold sets with toolbox software					
Data Storage	Store up to 1800 test results and built-in USB interface for file transfer and download					