

LP-3P PON Optical Power Meter

Description

The LP-3P is designed for the FTTX PON (APON, BPON, EPON and GPON) network installation and maintenance. It can directly show the status of pass or fail by setting threshold.

Features

- ❖ Pass/Fail testing with warning tone
- ❖ Two testing ports with “ONU” & “OLT/Video”
- ❖ Filtered measurements with distinct power display
- ❖ Self-calibration
- ❖ Auto power-off with sleeping mode, battery indicator
- ❖ LCD display with back-light
- ❖ 10 thresholds setting
- ❖ Up to 1000 testing results storage
- ❖ USB port for data transmission
- ❖ Up to 10 hours continuous operation



Specification

Model #	LP-3P		
Calibration Wavelength	1310nm	1490nm	1550nm
Measurement Range	-40dBm~+10dBm (continuous) -30dBm~+10dBm (burst signal)	-50dBm~+10dBm	-50dBm~+30dBm
Spectral Passband	1260nm~1360nm	1480nm~1500nm	1530~1570nm
Max. Inputting Power	15dBm	15dBm	30dBm
Isolation	N/A	30dB (to 1550nm)	30dB (to 1490nm)
Accuracy*	±0.5dB (±1dB for burst signal)		
Resolution	0.01dB		
Pass Through Attenuation	<1.5 dB		
Return Loss	>50 dB		
Connector	SC/PC or customized		
Operating/ Storage Temperature	-10°C ~ 50°C / -20°C ~ 70°C		
Power supply	3 * AA batteries; AC/DC adaptor		
Dimensions (L*W*H)	170mm*82mm*35 mm		
Standard Accessories:			
SC/PC adapter, carrying bag, Manual (CD)			
Optional Items			
VFL Module (10mW @ 650nm; CW&.2Hz)			

* @ 20±3°C, CW, SC/PC connector, -10dBm

