

# Choice Dual XG-PON and GPON Power Meter

LNT-OPM-CX



The Choice Dual XG-PON/GPON Power Meter is built to simplify PON and XG-PON network testing in the field. It uniquely allows technicians to test two wavelengths simultaneously and view both results at the same time for faster troubleshooting and validation. Its ultra-thin, portable design delivers fast, accurate results, all while being cost-effective to equip every technician in the field.

- Auto wavelength-identification
- Modulation frequency detection
- Up to 1000 testing results storage
- Built-in 10mW VFL module
- RJ45 cable tester and tracker module
- Auto power-off, battery indicator
- Ultra-thin portable design
- 1490/1577nm measurement separately at same time
- Supports co-existence of G/E-PON and XGSPON/10G-EPON
- USB Type-C port for charging

<b>Included Accessories</b>	<ul style="list-style-type: none"> <li>• 2.5mm Universal (for OPM &amp; VFL)</li> <li>• USB Cable</li> <li>• RJ45 Cable Tester Remote Module (LNT-TRM)**</li> <li>• SC to LC Hybrid Adapter</li> </ul>	
<b>Optional Accessories</b>	RJ45 Cable Tracker (LNT-CCT)	

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## Technical Specifications

<b>General</b>	Port for Data Transmission	USB - Type C
	Operating/Storage Temperature	-10°C ~ 50°C / -20°C ~ 70°C
	Power Supply	Lithium Battery 650mAh; USB Type C; 25-40 working hours
	Power Meter Dimensions (L*W*H)	133mm * 70mm * 18mm (5.2in * 2.8in * 0.7in)
	Remote Module Dimensions (L*W*H)	35mm * 41mm * 14.5mm (1.4in * 1.6in * 0.6in)
	Remote Module Line Sequence Test	8 core and shielded line
<b>Power Meter</b>	Calibration Wavelength	1270/1310/1490/1550/1577/1625/1650nm
	Connector	2.5mm universal
	Display Units	dBm/dB/mW/uW/nW
	Power Uncertainty <sup>b</sup>	±5%
	Isolation	1490nm to 1577nm: >35dB 1577nm to 1490nm: >35dB
	Modulation Freq. Detection	270Hz/330Hz/1KHz/2KHz
	Measuring Range	-50 to +10dBm
<b>VFL</b>	Wavelength	650±20nm
	Output Wave Type	CW and 2Hz
	Output Power	10mW or customized (Max. 30mW)
	Connector Type	SC APC

Note: (a) Only some standard or recommended models are listed here. For more models, see “ordering Information”. Customizing models is also supported.

(b) Specifications valid at (23 ± 1 °C), 1550 nm, 40%-60% RH, with a FC/UPC connector. Between +5 to -50 dBm for standard model. The Choice Dual XG-PON/ GPON Power Meter Tester is a cost-effective, all-in-one solution designed to simplify PON and XGPON network testing in the field. With an ultra-thin design, it delivers fast, accurate results, making it the ideal tool for technicians who need reliable performance in the field.

## Accessories



**RJ45 Cable Tester Remote Module**  
LNT-TRM



**(Optional) RJ45 Cable Tracker**  
LNT-CCT