

Mini OTDR

Precise all-in-one copper and fiber tester



SKU: LNT-OTDR-A



UPC: 043404010930

Model: mini OTDR/Copper Tester (1550/1310nm), 5.5" Touch Screen, RJ45 Remote, Carrying Case, Charger, Adapters for OTDR Interface

- **Compact Form Factor:** Ruggedized form factor with a 4-6hr battery life, or charge on the go!
- **Multi-Functional Testing:** Multiple tests offered for both fiber and copper testing.
- **Active Network Testing:** Built-in LLDP, PPPoE, IP Scan, and Ping testing provide quick insight into active network conditions.
- **Equip Every Technician:** Accessible pricing makes it practical to outfit every truck with a reliable, all-purpose tester.
- **Quick Cable Checks:** RJ45 continuity and TDR length measurements help pinpoint issues faster.
- **Track Performance Over Time:** Export results as PDF or SOR - for easy reporting, record-keeping, and trend comparison.
- **All-In-One Field Tool:** Integrated VFL, 10 mW visual fault locator, optical power meter, light source, and built-in flashlight streamline testing and improve efficiency.

The mini OTDR tester **is a powerful, easy-to-use multifunction tester for both twisted pair and fiber optic cables – the essential tester for field technicians and network engineers.** The mini OTDR provides a variety of cable length, quality and mapping tests, including optical time domain reflectometer (OTDR), continuity, loss, event wiremap, IP and fault testing.

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Technical Specifications

Size and Display:	5.55 inch screen display, 1280*720 resolution
Network Port:	10/100/1000M auto adapt (optional)
Optical Power Meter (OPM):	1625, 1550, 1490, 1310, 1300, and 850nm
Max Testing Length:	Twisted pair TDR: 600m / 1668ft Fiber OTDR: 105km / 65 miles
Network Test:	IP Scan, PPPOE, port flashing, Ping test (optional)
Linearity (dB/dB):	±0.05 dB/dB
Wavelength (nm):	1310/1550
Visual Fault Locator (VFL):	10mW 650nm laser
Dynamic Range(dB)2:	28/26
Pulse Width (ns):	5, 10, 20, 30, 50, 80, 160, 300, 500, 800, 1000, 2000, 4000, 6000, 10000, 20000
Testing Range:	≤105Km
Event Blind Zone (m)3:	≤1.6m
Attenuation Blind Zone (m)3:	≤8m
Loss threshold (dB):	0.05
Loss Resolution Ratio (dB):	0.01
Minimum Distance Resolution:	0.05
Sampling Point (K):	32-128
Distance Uncertainty (m):	±(1 m + 5×10 ⁻⁵ × distance + sampling interval)
Distance Scope (km):	0.5, 1, 2, 5, 10, 25, 50, 100, 200
Typical Real-time Refreshing Duration:	1s
File format:	SOR standard format/PDF/EXCEL
Measurement Duration:	5sec, 10sec, 15sec, 30sec, 1min, 2min, and 3min are selectable
Storage:	FLASH (EMMC)8G + TF card
Interface Type:	SC-UPC