

## LPT-OTDR70

### Fiber Optic Time-domain Reflectometer (OTDR)

LPTOTDR70\_SS\_ENB01W

#### Features:

- Super-short event dead zone of 0.5m, easy for testing the optical fiber patch cord.
- Minimum sampling resolution of 2.5cm for accurately positioning event points.
- Wide dynamic range of 50dB and data sampling points of 256k for long-distance and multiple-branch communication network test.
- PON network online test.
- Both single-mode and multi-mode testing.
- Advanced anti reflection LCD capable of clear interface displaying in field environments.
- Multi testing modes, touch screen and shortcuts.
- Automatic communication fiber monitoring.
- Remote control.
- Dual USB ports capable of connecting with the USB disk and printer.
- Supporting Bellcore GR196 and SR-4731 formats.
- Multi-language operation interface.
- Optional built-in visual fault locator (VFL), optical power meter and end surface measurement function.
- The type of the OTDR optical output connector can be changed freely, keeping the end surface more convenient.



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### Fiber Optic Time-domain Reflectometer (OTDR)

The **LPT-OTDR70** optical time-domain reflectometer (OTDR) is a type of testing instrument featuring high performance and multiple functions that is designed for the FTTx network. It is used to measure such physical characteristics of optical fibers as the fiber optic cable length, transmission loss and joint loss, and position accurately the event points and failure points of the optical fiber link. It is widely used in such fields as engineering construction, maintenance test and emergency repair of the optical fiber communication system.



**A Technical Specifications:**

<b>Display</b>	800×480 and 7" TFT color LCD (provided with standard capacitive touch screen, with the resistance touch screen as an option)
<b>Range (km)</b>	0.4, 0.8, 1.6, 3.2, 8, 16, 32, 64, 128, 256 and 512 (singlemode, multimode 1300nm) 0.4, 0.8, 1.6, 3.2, 8, 16 and 32 (multimode 850nm)
<b>Pulse width (ns)</b>	3, 5, 10, 30, 80, 160, 320, 640, 1280, 5120, 10240 and 20480 (singlemode) 3, 5, 10, 30, 80, 160, 320, 640 and 1280 (multimode 850nm)
<b>Refractive index setting range</b>	1.00000~2.00000
<b>Optical cable correction factor</b>	0.80000~1.00000
<b>Interface language</b>	Available in Simplified Chinese, English, Russian and Korean (for other languages, please contact the local representative office)
<b>Linearity</b>	0.03dB/dB
<b>Loss resolution</b>	0.001dB
<b>Electrical port</b>	USB port, SD card port, and 10M/100M Ethernet port
<b>Power supply</b>	AC/DC adapter: allowable input voltage range: 100V~242V (1.5A), allowable frequency range: 50/60Hz; output DC: 17V±3V (2A) Internal lithium battery: 11.1V; Battery operating time: 8 h
<b>Environmental requirement</b>	Operating temperature: -10°C~50°C Storage temperature: -40°C~70°C Relative humidity: 5%~95%, no condensing
<b>Overall dimensions</b>	D×W×H: 252mm×180mm×55mm
<b>Weight</b>	1.8kg



**B How to Order:**

**LPT-OTDR70 Fiber Optic Time-domain Reflectometer (OTDR)**

*LanPro is continuously improving its products and reserves the right to change specifications and availability without prior notice.*