

## LPT-FANR308

### Mini OTDR 1310/1550 and RJ45 multi-function tester

LPTFANR308\_SS\_ENB01W

#### Features

- Fiber and RJ45.
- 3.5 Inch color LCD.
- 8 Functional Modules.
- 24dB Dynamic Range.
- iOLM-Event Map.
- 3m Event Dead Zone.
- 60km Precision Testing.



## LPT-FANR308

### Mini OTDR 1310/1550 and RJ45 multi-function tester

Mini multi-function OTDR has compact structure and stable performance. This OTDR test wavelength is 1310/1550nm, dynamic Range are 24dB/22dB. Measurement distance is 5m~60km. Suit for the G.652D optical fiber. It built-in OPM (8 standard wavelengths 850/980/1300/1310/1490/1550/1625/ 1650nm); Built OLS 1310/1550nm; Built-in VFL 10Mw; Built-in RJ45 test. This Mini OTDR have most functions and most cost-effective on current market.

The application is mainly: maintenance and test of telecommunication line, cable manufacturer, test of FTTX.

## A Technical Specifications

LPT-FANR308 Mini OTDR	
Wavelength	1310/1550nm±20nm
Fiber type	G.652D
Dynamic Range	24/22dB
Event Blind Zone	3m
ATT Blind Zone	8m
Test Range	500m~60km
Pulse Width	3ns~10us
Ranging accuracy	± (1m + Sampling Interval + 0.005% x Test Distance)
Loss accuracy	±0.05dB/dB
Sampling Points	16k~128k
Sampling Resolution	0.05m~8m
Reflection accuracy	±3dB
Data Storage	Internal: ≥600; External: TF Card
Laser Safety level	Class II
File Format	SOR Standard file format
Connector	FC/UPC (Interchangeable SC, ST)
OPM	
Wave range	800~1700nm
Interface type	Universal Joint FC/SC/ST
Test range	-50dBm~+26dBm
Uncertainty	±5%
Frequency Identification	CW/270/330/1k/2kHz
Stability	CW, ±0.5dB/15min (Test after 15 minutes of preheating)
Connector	FC/UPC (Interchangeable SC, ST)
VFL	
Wavelength	650nm±20nm
Out power	≥10mW
Mode	CW/1Hz/2Hz
Connector	FC/SC/ST
RJ45 Cable Length measurement	
Test Range	300m
Other parameters	
Display	3.5-inch color LCD
Data Interface	Micro USB
External Storage	TF Card
Power supply	Polymer Li-Battery: 3.7V, 4000mAh Adapter: 5VDC, 2A

<b>Battery life</b>	Standby >20h; Measuring time >12h
<b>Operating Temperature</b>	-10°C~+50°C
<b>Storage Temperature</b>	-40°C~+70°C
<b>Relative Humidity</b>	0~95% Non-Condensing
<b>Size</b>	173x82x37mm
<b>Weight</b>	≤350g
<b>Functions:</b> Blue, OTDR/EVENT, MAP/OPM/LS/VFL/RJ45 Sequence/RJ45 Cable Tracker (Additional purchase detector)/RJ45 Line length/Flash Light.	

- NOTE:**
- Test temperature is 25°C+2°C, Maximum pulse width, the average time is more than 3 minutes.
  - Test conditions of Event Blind Zone are minimum range, minimum pulse width, reflection loss of optical fiber end (>45dB), typical value.

**B Configuration List**

No.	Name	Qty	Remarks
1	Host	1	Battery Included
2	Adapter	1	
3	Data line	1	
4	CD-ROM (Analysis software/User's Manual)	1	
5	User's Manual	1	
6	SC/UPC	1	
7	Qualification Certificate/ Service Guarantee Card	1	
8	Calibration Certificate	1	
9	Clean Cotton Slices	10	
10	Instrument Backpack	1	

**C How to Order**

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