



FIB-T-OTDR1315

OTDR Fiber Tester | 1310/1550/1610nm | VFL, OPM & Cable Tester



OTDR Technical Specification

Size & Display	5.55 inch OLED touch screen, 1280x720 resolution	
Wavelength (nm)	1310/1550	1550
Dynamic range(dB)	26/24	24
Pulse width (ns)	5,10,20,30,50,80,160,300,500,800,1000,2000, 4000,6000,10000,20000	
Testing range	≤100 Km	
Event blind zone (m)	≤1.6m	
Attenuation blind zone (m)	≤8m	
Linearity (dB/dB)	±0.05 dB/ dB	
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) + TF card (excluded)	
Interface type	SC-UPC	
Length measurement	Network cable length measurement, up to 3km	
UTP cable test	Test UTP cable connection status and display on the screen. Detect the near-end, mid-end and far-end fault point of RJ45 cable connector	
Optical power meter	Wavelength:1625nm,1550nm,1490nm,1310nm,1300nm, 850nm, measurement range ,-70 ~+6dBm, for optical power testing and Fiber link loss relative measurement	
Visual fault locator	10mW visual fault locator with 650nm wavelength, emit red laser sources to test multi-mode and single mode fiber's bending and breakage, test range 8KM	



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Stable laser source

Output wavelength

1310/1550

1550

Output power

-5dBm~0dBm adjustable

Frequency

270Hz /330Hz /1kHz /2kHz

Stability

CW, $\pm 0.2\text{dB}/15\text{min}$ (Test after boot for 15min)

Power

Power supply

Type-C 5V(2A) input, USB 5V(1A) output as power bank.

Battery

Built-in 3.7V Lithium-ion battery, 4000mAh.

Rechargeable

After charging 3 hours, normal working time 6 hours

Working environment

Working Temperature

-10°C---+50°C

Working Humidity

30%-90%

Dimension/Weight

183mm x 110mm x 36.5mm /0.45kg

