

PRODUCT DATA SHEET

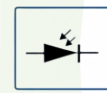
Optical Time Domain Reflectometer

Features:

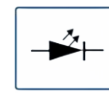
- 1). Boasting a full touch-screen design, it delivers lightning-fast image processing. Finger combination controls enable seamless zooming in and out.
- 2). With a large-capacity Li-battery, it supports self-charging and reverse charging functionality.
- 3). Streamlining operations with one-button testing, its event mapping feature enables intelligent link analysis.
- 4). Expandable up to 150GB with a U disk, it offers ample trace storage.
- 5). Featuring a 5-inch HD capacitive screen, it ensures flawless human-computer interaction.
- 6). Supporting multiple wavelengths, it caters to diverse testing requirements.
- 7). Equipped with a light testing self-protection system, it ensures device safety.
- 8). Capable of conducting tests under weak light conditions, it maintains versatility in various settings.



5 inch-touch LCD color Screen



OPM



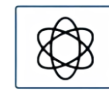
VFL



OLS



Ethernet Cable test



Event Map

Packing List:



OTDR



Wire Map



Charger/Adapter



USB Disk



LED Light



Touch Pen



Carrying Bag



Handle and Belt

Parameters:

Model No.	NTOTDR-3000-A	NTOTDR-3000-S
Wavelength ($\pm 20\text{nm}$)	1310nm/1550nm	Support online-testing wavelength 1550nm
Dynamic Range (dB)	24/22	22
Pulse Width	10ns, 20ns, 50ns, 100ns, 300ns, 1.0us, 2.5us, 10us, 20us, 25us	
Event Dead Zone (m)	2	
Attrnuation Dead Zone (m)	10	
Distance Range (km)	0.5 - 160	
Distance Uncertainty	$\pm (1 + 0.005\% \times \text{distance} + \text{sampling resolution})$	
Loss Measurement Accuracy	$\pm 0.05\text{dB/dB}$	
Date Sampling Point	12800	
Memory Capacity	1000 Curves	
Fiber Type	Single-mode	
LCD Size	5-inch HD color touch screen	
Capacity of Screen Touches	> 10 million times	
Standard Interface	FC / SC / ST / LC optional	
VFL (Visual Fault Locator)		
Wavelength	650nm ± 20	
Output Power	$\leq 2\text{mW}$ standard	
Standard Connector	FC/UPC	
OPM (Optical Power Meter)		
Model	A	B
Wavelength Range (nm)	800 - 1700	800 - 1700
Detection Range (dBm)	-60 - +16	-50 - +26
Detector Type	InGaAs	
Calibration Wavelength (nm)	850nm, 980nm, 1300nm, 1310nm, 1490nm, 1550nm, 1625nm	
Linearity	$\pm 5\%$	
Flange Form	FC, SC, LC, ST (optional)	
OLS (Optical Light Source)		
Wavelength (nm)	1310/1550	
Output Power (dBm)	≥ -7	
Ethernet Cable Test	Network cable length test	
Network Cable Test Function	Can realize network cable open circuit, short circuit, out of order test. Roughly detect the fault location of the network cable.	
Other		
Battery	5000 mAh Li-battery	
Li-battery	> 10 hours (according to Bellcore TR-NWT-001138)	
Dimension (mm)	165 x 130 x 45mm (L x W x H)	
Weight (kg)	1 kg	