Nitrotel Manufacturing
Low Voltage Products & Fiber Optic

Part No.
NT-OTDR-7000-XX

PRODUCT DATA SHEET

Optical Time Domain Reflectometer

Features:

1). 7-inch HD color touch screen.
2). Finger combine to control curve zoom in, zoom out and move.
3). Multiple test modes.
4). Multiple wavelength modes.
5). OTDR self-testing function.
6). External USB LED light.
7). Document can be exported in PDF format.
8). Event map(event thresholds can be test).

Parameters:

LCD size	7-inch enhanced capacitive touch screen
Standard optical interface	FC/SC/ST/LC (optional)
Fiber type	Single mode/Multimode (single fiber)
Sampling resolution	0.08m
Loss resolution	±0.05dB
Distance Uncertainty	±(1+0.005%*distance + sampling resolution)
Accuracy level of loss rate test	±0.05dB/dB
Storage	10,000 curves
Battery	Lithium battery
Battery Endurance	>10 hours (according to Bellcore TR-NWT-001138)
Operation temperature	-20℃ to +50℃
Storage temperature	-40℃ to +70℃
Dimension (L*W*H)	22.5cm*4.5cm*16.5cm
Weight	1 kg

Ordering information:

Model	Dynamic Range	Wavelength	Attenuation Dead Zone	Event Dead Zone	Pulse Width
NT-OTDR-7000-M1	22/20dB	850/1300nm	5.5m	1.5m	5ns~20μs
NT-OTDR -7000-A	26/24dB	1310/1550nm	10m	2m	5ns~20μs
NT-OTDR -7000-B	32/30dB	1310/1550nm	5.5m	1.5m	5ns~20μs
NT-OTDR -7000-C	34/32dB	1310/1550nm	5.5m	1.5m	5ns~20μs
NT-OTDR -7000-D	36/34dB	1310/1550nm	5.5m	1.5m	5ns~20μs
NT-OTDR -7000-P1	36/34/30dB	1310/1550/1625nm	5.5m	1.5m	5ns~20μs

RoHS compliant

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Configuration:

VFL (Visual Fault Locator)		
Wavelength	650nm±20	
Output power	≤2mW standard	
Standard connector	FC/UPC	
OPM (Optical power meter)		
Model	A	B
Detection range	-60~+16dBm	-50~+26dBm
Wavelength range	850/980/1300/1310/1490/1550/1625nm	
Detector type	InGaAs	
Linearity	±5%	
OLS(Optical light source)		
Wavelength	1310/1550nm	
Output power	≥-7dBm	

Packing list:

OTDR

FC Flange

AC/AD Charger & Adapter

USB Disk

LED Light

Toughened Membrane

Calibration Certificate

Carrying Bag