

LOT2200 Series Mini-OTDR



Feature

- ❖ Build-in operation system, Cortex-A8 (ARM), 1GHz
- ❖ 4.3-inch full-view capacitive multi-touch screen
- ❖ Standard USB interface supports a variety of external devices, such as Connector Surface Inspector, U disk, Mouse, etc.
- ❖ Uploading testing results to computer via micro-USB interface
- ❖ SD card capacity up to 10K groups of testing result
- ❖ Li-ion rechargeable battery, support charge pal charging

Nine-in-one

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|---------|-----------------------------------|
| 1. OTDR | 5. RJ45 line sequence tester |
| 2. OPM | 6. Event Map |
| 3. VFL | 7. Flashlight |
| 4. OLS | 8. Loss test |
| | 9. Connector Inspector (optional) |



Data Sheet

LOT2200 Series Mini-OTDR

Specifications:

Model	LOT2200-SD26	LOT2200-MD26	LOT2200-SS26	
Wavelength	1310/1550 nm	850/1300 nm	1310 or 1550nm (with filter)	1610 or 1625 or 1650 nm (with filter)
Dynamic Range ⁽¹⁾	26/24 dB	22/26 dB	26 dB	24 dB
EDZ ⁽²⁾	2m	3m	2m	2m
ADZ ⁽²⁾	7m	8m	7m	7m
Measuring Range	100m、500m、2km、5km、10km、20km、40km、80km、100km			
Pulse Width	SM: 5ns, 10ns, 20ns, 50ns, 100ns, 200ns, 500ns, 1μs, 2μs, 5μs, 10μs MM: 5ns, 10ns, 20ns, 50ns, 100ns, 200ns, 500ns, 1μs, 2μs			
Sampling resolution	Minimum: 0.2m			
The sampling point	64,000 points			
Linearity	≤0.05dB/dB			
Loss threshold	0.01dB			
Loss resolution	0.001dB			
Range resolution	0.01m			
Range accuracy	±(0.5m+Range×3×10 ⁻⁵ +Sampling resolution) (Excluding refractive index error)			
Memory	SD card, up to 10K groups of testing result			
OPM	Type A : +10dBm~-70dBm;Type B : +26dBm~-50dBm			
OLS	The output power: -5dBm; Modulation frequency: CW / 270Hz / 1KHz / 2KHz			
VFL	10mW , CW / 2Hz			
Data interface	micro USB, USB disk, SD card slot			
Screen	4.3-inch TFT-LCD, Multi-Touch			
Battery	3.7V/5200mAh			
Temperature	Working temperature : -10℃~+55℃ ; Storage temperature : -20℃~+80℃			
Humidity	≤95% (No condensation)			
Size/Weight	175x105x45mm / 0.56kg (battery included)			
Standard Accessories	Power Adapter, Rechargeable Lithium Battery, FC Adaptor, USB Cable, User's Guide, Carrying Bag			

Note: (1) Dynamic range is measured with maximum pulse width, averaging time is 3 minutes, SNR=1; The level difference between the RMS noise level and the level where near end back-scattering occurs.

(2) Event dead zone and attenuation dead zone are measured with pulse width of 5ns;