

LOT2100 OTDR

Description

The LOT2100 OTDR is a highly cost-effective, easy-to-use diagnostic tool, specially designed for FTTH network construction and maintenance. Its user-friendly interface has been designed for simple, one-button testing.

Features

- ❖ Handheld & lightweight (0.3 Kg)
- ❖ Build-in OLS/OPM/VFL modules
- ❖ 1000 groups of test records storage
- ❖ Event Map
- ❖ 3.2-inch LCD screen
- ❖ Professional PC software for generating test report
- ❖ One-button automatic test



Specification

LOT2100 Series			
Model	LOT2100	LOT2100-15F	LOT2100-16F
Wavelength (±20nm)	1310/1550	1550 with filter	1625 with filter
Dynamic Range (dB) ⁽¹⁾	24/22	22	22
Pulse Width	5ns/10ns/25ns/50ns/100ns/250ns/500ns/1μs/2.5μs/5us/10μs/20μs		
Distance Accuracy	± (1m + measuring distance × 5×10 ⁻⁵ + sampling resolution)		
Attenuation Accuracy	±0.05 dB/ dB		
Reflectance Accuracy	±4 dB		
Event Dead Zone (EDZ) ⁽²⁾	3m		
Attenuation Dead Zone (ADZ) ⁽²⁾	8m		
OLS Module	-5dBm		
OPM Module	850/1300/1310/1490/1550/1625nm , +26~-50dBm		
VFL Module	1 mW @ 650nm		
Data Storage	1000 records		
Connectivity	USB		
Power Supply	Li-ion Rechargeable Battery/ AC Adapter		
Battery Life	10 hours / 20 hours (standby)		
Operating Temperature	0℃ ~ 50℃		
Storage Temperature	-20℃ ~ 70℃		
Dimensions (L*W*H)	170mm*82mm*35mm		
Standard Accessories:			
SC/APC connector, USB cable, AC power adapter, analysis software(CD), certificate of calibration, user's guide (CD), carrying bag			

- (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 minimum pulse width;