

X-1100E Multi-function Mini-OTDR



FEATURES

- ※ Nine-in-one function: OTDR, VFL, OPM, OLS, cable test, event map, fiber inspection, loss test and flashlight.
- ※ The 4.3-inch full-view capacitive touch screen supports multi-touch
- ※ Cover plate type tempered glass panel, no worry about screen scratch
- ※ Support horizontal version, vertical version, perfect fusion of the two habits of user operations
- ※ Support power bank charging, no worry about the battery runs out
- ※ In line with the international standards of test data with perfect simulation software, easier to generate the report
- ※ Sink type light port design for better protection
- ※ Support U disk, SD card and Micro USB export data protection
- ※ Any interface supports screen capture

General Specifications

Display	4.3 inch capacitive touch screen with full viewing, TFT
Battery	3.7V/5200mAh, standby time > 10 hrs
Power Adapter	Power supply AC/DC adapter, input: 100-250V AC, 50-60Hz, 3A, Output: 12V DC. 35W
Data Storage	100,000 groups of curves
Interface	USB A Typex1, Micro-USBx1, SD card
Working Temp	-10°C~+50°C
Storage Temp	-20°C~+80°C
Humidity	≤95%(non-condensation)
Dimension/Weight	175x105x45mm/0.56kg(with battery)
Package	X-1100 OTDR; power adapter; soft carrying bag; bag belt; USB cable; RJ45; FC/SC connector; strap; user guide; calibration certificate

Technical Specifications

Testing Distance	100m/500m/2km/5km/10km/20km/40km/80km/90km
Sampling Resolution	Minimum 0.2m
Sampling Point	64,000 point
Linearity	≤0.05dB/dB
Scale Indication	X axis: 4~70m/div, Y axis: 0.09~5dB/div
Loss Threshold	0.01dB
Loss Resolution	0.001dB
Distance Resolution	0.01m
Distance Accuracy	±(1m+measuring distance×3×10×0.005%+sampling resolution) (excluding IOR uncertainty)

Other Functional Modules

Module	Parameter	Note
VFL	10mW, CW/2Hz	10mW in default
OPM	Option A: -70dBm~+10dBm; Option B: -50dBm~+23dBm	Option A in default
Laser source	Output: -5dBm, Frequency: CW/270Hz/1kHz/2kHz	
Network cable test	Support network wire sequence testing and wire alignment	

Models

Model Number	Wavelength(nm)	Dynamic Range(dB)	Measuring range(km)	Note
Dual Wavelength Sequence				
X1100E-A22D	1310/1550	22/20	70	
X1100E-A24D	1310/1550	24/22	80	
X1100E-A26D	1310/1550	26/24	90	
X1100E-M26	850/1300	22/26	90	
Single Wavelength Sequence				
X1100E-A20SF	1550(1310 available)	20	70	Filter
X1100E-A22SF	1550(1310 available)	22	80	Filter
X1100E-A24SF	1550(1310 available)	24	80	Filter
Single Wavelength Sequence				
X1100E-C26SF	1650	26	90	Filter
X1100E-P26SF	1625	26	90	Filter
X1100E-T26	1610	26	90	Filter