







Mini OTDR (1200D1-AT)



OTDR - Optical Time Domain Reflectometer 1200D1

This series of OTDR is a multi-functional optical measuring instrument, which integrates OTDR, event map, optical power meter, visual fault location, light source, optical loss test, cable line length/sequence test, cable tracking and other functions. It has touch screen and keys. It is the right assistant for optical cable construction, installation and maintenance, project acceptance and on-site repair.

 <p>High-performance cpu, fast speed, smooth operation</p>	 <p>Support dual-wavelength test Measurable macro bending</p>	 <p>Small blind area, Short fiber test results are good</p>
 <p>Support transmitting optical fiber, End fiber setup</p>	 <p>OT curve list is displayed in full screen</p>	 <p>Multiple sampling points high accuracy</p>



OTDR



Transmitting fiber, End fiber

Dual wavelength test

Short fiber test

Technical Specifications

OTDR								
Model	GLK4500-D1	GLK4500-D2	GLK4500-F1	GLK4500-F2	GLK4500-P1F1	GLK4500-P1F2	GLK4500-P2F2	GLK4500-M1
Type	SM							
Wavelength (±20nm)	1310/1550	1310/1550	1550	1610	1625	1625	1650	850/1300
Dynamic Range	26/24dB	30/28dB	24dB	24dB	26dB	30dB	30dB	22/24dB
Event Blind Zone	1.5m	1.5m	1.5m	1.5m	1.5m	1.5m	1.5m	1.5m
ATT Blind Zone	8m	8m	8m	8m	8m	8m	8m	8m
Distance range	0.1/0.3/0.5/1.25/2.5/5/10/20/40/80/125/260km							
Distance unit	km, mi, kft							
Pulse Width	5ns/10ns/20ns/30ns/50ns/80ns/100ns/200ns/300ns/500ns/800ns/1us/2us/3us/5us/8us/10us/20us							
Ranging Accuracy	± (0.75m+ Sample Interval+0.0025% × Test distance)							
Loss Threshold	0.001dB							
Linearity	±0.03dB/dB							
Sample Points	≥160k							
Sample Resolution	0.015m~16m							
File Format	SOR Standard File Format							
Loss Analysis	4-point method /5-point method							
Laser Safety Level	Class II							
Connector	FC/UPC (Interchangeable SC, ST, LC)							
LS								
Wavelength	Consistent with OTDR							
Power ^①	≥-5dBm							
Mode	CW/270Hz/1kHz/2kHz							
Laser level	CLASS 1M							
Optical output port	OTDR port							
RJ45 Cable Tracker								
Distance	300m							
RJ45 Cable Length								
Distance	300m							

VFL	
Wavelength	650±20
Output Power	≥10mW
Mode	CW/1Hz/2Hz
Laser Safety Level	Class 3R
Connector	Universal optical interface (2.5mm)
OPM	
Calibration Wave	850/980/1300/1310/1490/1550/1625/1650nm
Test Range	-50dBm~+26dBm
Uncertainty	±5%
LED flashlight	
Others	
Display	4.3 colour TFT LCD WVGA (Multi touch capacitive touch screen) resolving power : 800*480 pixel
Data Interface	Type-C, RJ45 ×2 LAN 10M/100M bit/s
Data Storage	Storage: 8GB (≥2000 curves) File Format: SOR
Size	173 × 109 × 45mm
Weight	≤0.5kg
environment condition	Working Temperature: -10°C~+50°C
	Storage Temperature: -40°C~+70°C
	Relative Humidity: 0~95% Non Condensing
	Altitude: 4000m or less
Power requirements	DC USB power supply (Type-C) 5V ±10%, maxmum 2A
Battery type capacity	Type: polymer lithium-ion battery, 5000mAh
	Charging time: 4 hours (typical value)
safety standards	EN61010-1
Laser safety	IEC/EN 60825-1:2007 GB7247.1-2012
EMC	Radiation standard: EN61326-1 Class A
	Immunity: EN61326-1 Table 2
language	Customizable in Chinese, English and other languages

Notes: ① Except for special wavelengths such as 850/1300nm.

Function configuration: OTDR, event map, OPM, VFL, LS, optical loss test, RJ45 cable tracker, RJ45 cable sequence, RJ45 cable length test, flashlight.

