Series Touch Screen Mini OTDR (1200D-AT)

4.3-inch multi-touch capacitive screen support zoom function screenshot

2. Intelligent multi-function 12-in-one functional module: automatic OTDR expert OTDR event map optical power meter visible fault locator adjustable light source optical loss test RJ45 sequence test RJ45 length test RJ45 digital tracker flashlight end face detection (optional)

3. Automatic OTDR no complicated settings one-key test

4. Expert OTDR professional measurement mode simultaneous display of curve list and MAP view

5. Event blind zone 2.5m attenuation blind zone 8m measuring range up to 100KM

6. Support optical test with optical signal less than -5dBM high isolation bilateral filter technology

7. Support automatic saving SOR file format 8G storage capacity 200000 records can be stored

8. Support Type-C charging interface 4000mAh polymer battery battery life is more than 12 hours

Technical Specifications:

Model		TR1200D	
Wavelength		1310nm/1550nm±20nm	
Type	G.652 SM		
Dynamic Range		26dB/24dB	
Event Blind Zone	2.5m		
ATT Blind Zone	8m		
Test Range	500m 1km 2km 4km 8km 16km 32km 64km 100km		
Pulse Width	3ns~20us		
Ranging Accuracy	±(1m+Sampling interval+0.005%×Test distance)		
Linearity	±0.05dB/dB		
Sample Points	16k~128k		
Sample Resolution	0.05m~8m		
Reflection Accuracy	±3dB		

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PRODUCT PLUS SOLUTIONS LTD.
Add: House No.: 37/1 (4th Floor), North Begun Bari, Tejgaon I/A
Mobile : 01711176413; **E mail** : info@pplussbd.com,
Web: www.pplussbd.com; www.eppsl.com

Data Storage	8G
Laser Safety Level	Class II
File Format	SOR Standard file format
Connector	FC/UPC(Interchangeable SC ST)

Optical Power Meter

Wave Range	800nm~1700nm
Interface Type	Universal connector FC/SC/ST
Test Range	-70dBm～+6dBm or -50dBm～+26dBm
Uncertainty	±5%
Frequency Identification	CW/270/330/1k/2kHz
Calibration wavelength	850/980/1300/1310/1490/1550/1625/1650nm

Optical Light Source

LD Type	FP-LD	
Wavelength		1310nm/1550nm±20nm
Output Power(adjustable)	(-2dBm±～-10dBm)±2dB	
Modulation Frequency	270/330/1k/2k/Hz	
Stability	CW, ±0.2dB/15min(Test after 15 minutes of preheating)	
Connector	FC/UPC(Interchangeable SC ST)	

Visual Fault Locator(VFL)

Wavelength	650nm±20nm
Output Power	≥10mW
Mode	CW/1Hz/2Hz
Connector	Universal connector FC/SC/ST

RJ45 Cable Length Measurement

Test Range	0~300m

General Specifications

Display	Touch Screen 4.3 Inches 800*480 IPS TFT-LCD Multi-touch capacitive
Data Interface	Type-C
External Storage	TF card
Power Supply	Polymer Li-Battery: 3.7V 4000mAh Adapter: 5V DC 2A
Battery Working	Standby＞20h; Measuring time＞12h
Operating Temperature	-10℃～+55℃
Storage Temperature	-40℃～+80℃
Relative Humidity	0～95%Non Condensing
Weight	≤500g
Size	173mm×109mm×45mm

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