

PalmOTDR-S120 Entry-Level OTDR

Product Overview

Fully featured, entry-level OTDR with lightweight and compact design which is perfect for single-mode fibre installers.

Features

- The lowest cost fully functional OTDR
- Graphic display of test results
- Dynamic range up to 28dB
- Quick start <5 seconds
- User-friendly interface, compact & lightweight (1kg)
- Hotkeys: Easiest operation in the world, push-and-test 1000 test records storage
- Bellcore file format(.sor)
- PC software for batch data processing
- USB/RS-232 data interface, driver-free
- Multiple languages: EN/DE/IT/FR/ES/PT/RU/KR/VN/CN
- 10 hours of continuous operation with a battery
- Dust-shock proof (2m drop test)



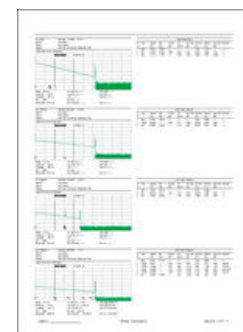
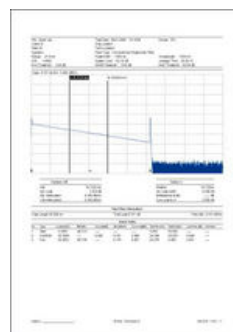
S120- A

S120- B

TraceManager Software

TraceManager software can display, analyse and edit trace files, and generate and print comprehensive test and analysis reports in various forms.

- Trace viewing, events analysis
- Batch editing and flexible printing
- Trace viewing, events analysis
- Multi traces comparison
- Batch editing and flexible printing
- Bidirectional testing (Optional)
- CSV/ASCII report formats



Specifications

Model	PalmOTDR - S120A	PalmOTDR - S120B
Wavelength(±20nm)	1310/1550	1310/1550
DynamicRange	24/24dB	28/28dB
Rang of Use	Singlemodefibre	Singlemodefibre
Dead Zone	EDZ: 5m	EDZ: 2.5m; ADZ: 8m
Connector	FC/PC (InterchangeableSC, ST)	FC/PC (InterchangeableSC, ST)
DistanceMeasure Accuracy	±(1m + 5.10-5.Distance + sampling space)	±(1m + 5.10-5.Distance + sampling space)
Attenuation Detect Accuracy	±0.05dB/dB	±0.05dB/dB
Reflection Detect Accuracy	±4dB	±4dB



Specifications

Data Storage	1000 records	1000 records
Connectivity	RS-232/USB	RS-232/USB
Power Supply	NiMH Rechargeable Battery/ AC Adapter	NiMH Rechargeable Battery/ AC Adapter
Battery Life	10 hours continuous operation/ 20 hours standby	10 hours continuous operation/ 20 hours standby
Operating Temperature	-10°C~ 50°C	-10°C~ 50°C
Storage Temperature	-20°C~ 70°C	-20°C~ 70°C
Relative Humidity	0 to 95%(non-condensing)	0 to 95%(non-condensing)
Weight	1kg (2.2 lbs)	1kg (2.2 lbs)
Dimensions(H x W x T)	220.110.70mm(8.7.4.3.2.7 inch)	220.110.70mm(8.7.4.3.2.7 inch)

Functional Module Specifications

Visible Fault Locator Module	
Wavelength(±20nm)	650nm
Output Power (dBm)	≥-3
Max Measurement Range	5 Km
Optical Power MeterModule	
Calibrated Wavelength (nm)	850, 1300, 1310, 1490, 1550, 1625
Power Range (dBm)	-70 ~ +6 (-60 ~ +6 @ 850nm)
Detector Type	InGaAs
Display Resolution	0.01dB
Accuracy	±5%±0.01nW(±0.5dB@850nm)
MOD Identification	1K, 2K Hz

Ordering Information

Standard Package:

PalmOTDR, Rechargeable battery, AC adapter, TraceManager software CD, USB data transfer cable, Warranty card, CE certificate, Certificate of calibration

Optional information

1. palmOTDR S120 X V with visual fault location function
2. palmOTDR S120 X P with power meter function