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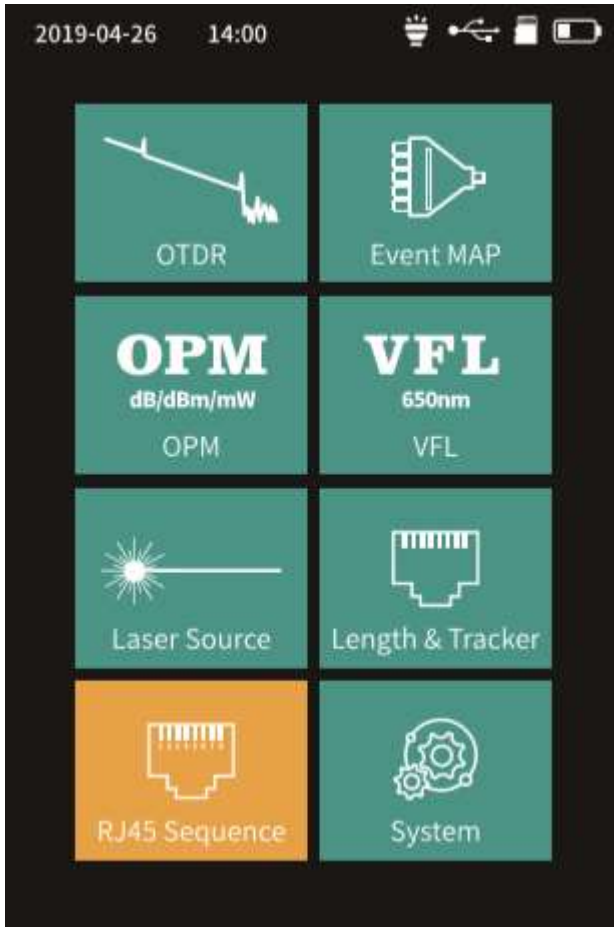
AV-MINIOTDR-C Mini Pro OTDR



AV-MINIOTDR-C Mini Pro OTDR

Description

AV-MINIOTDR Mini Pro OTDR 3.5 inch, 1310nm 1550nm wavelength OPM, Laser source, VFL supporting, RJ45 Line Tracker Optional Handheld Mini Pro OTDR.



Specification

Mini-Pro OTDR	
Model	AV-MINIOTDR-C
Wavelength	1310nm/1550nm±20nm
Fiber Type	G.652
Dynamic Range	26dB/24dB
Event Blind Zone	3m
ATT Blind Zone	8m

Test Range	500m~70km	
Pulse Width	3ns~10us	
Ranging accuracy	$\pm (1m + \text{Sampling interval} + 0.005\% \times \text{Test distance})$	
Loss accuracy	$\pm 0.05\text{dB/dB}$	
Sampling Points	16k~128k	
Sampling resolution	0.05m~8m	
Reflection accuracy	$\pm 3\text{dB}$	
Data Storage	Internal: ≥ 600 ; External: TF Card	
Laser Safety Level	Class II	
File format	SOR Standard file format	
Connector	FC/UPC (Interchangeable SC, ST)	
OPM		
Wave Range	800nm~1700nm	
Interface Type	Universal Joint FC/SC/ST	
Test Range	-50dBm~+26dBm	
Uncertainty	$\pm 5\%$	
Frequency Identification	CW/270/330/1k/2kHz	
Calibration wavelength	850/980/1300/1310/1490/1550/1625/1650nm	
LS		
LD Type	FP-LD	
Wavelength	1550nm $\pm 20\text{nm}$	1310nm/1550nm $\pm 20\text{nm}$
Output Power	$\geq -5\text{dBm}$	
Modulation Frequency	270/330/1k/2kHz	
Stability	CW, $\pm 0.5\text{dB}/15\text{min}$ (Test after 15 minutes of preheating)	
Connector	FC/UPC (Interchangeable SC、ST)	
VFL		
Wavelength	650nm $\pm 20\text{nm}$	
Output Power	$\geq 10\text{mW}$	
Mode	CW/1Hz/2Hz	
Connector	FC/SC/ST	
RJ45 Cable Length Measurement		

Test Range	300m
Other Parameters	
Display	3.5 inch Color LCD
Data Interface	Micro USB
External storage	TF Card
Power Supply	Polymer Li-Battery: 3.7V, 4000mAh Adapter: 5VDC, 2A
Battery Life	Standby>20h; Measuring time>12h
Operating Temperature	-10°C~+50°C
Storage Temperature	-40°C~+70°C
Relative Humidity	0~95% Non Condensing
Size	173mm×82mm×37mm
Weight	≤350g
Functions: Blue, OTDR/EVENT MAP/OPM/LS/VFL/RJ45 Sequence/RJ45 Cable Tracker(Additional purchase detector)/RJ45 Line length/Flashlight	

Note:

1. Test temperature is 25°C±2°C, maximum pulse width, the average time is more than 3 minutes.
2. Test conditions of Event Blind Zone are minimum range, minimum pulse width, reflection loss of optical fiber end (> 45dB), typical value.

Main Function:

iLOM (Event Map)

OPM

VFL





Laser Source

Laser Source

RJ45 Sequence

Configuration List

NO.	NAME	QUANTITY	Remarks
1	Host	1	Battery included
2	Adapter	1	
3	Data Line	1	
4	CD-ROM(Analysis software/User's Manual)	1	
5	User's Manual	1	
6	SC/UPC	1	
7	Qualification Certificate/ Service Guarantee Card	1	
8	Calibration Certificate	1	
9	Clean Cotton Slices	10	
10	Instrument Backpack	1	

Application:

Cable construction

Note:

Information of products can be printed or stick to the pack according to requirements