

Mini-Pro OTDR INF-710S (Optical time-Domain Reflectometer)



Features:

Optical Fiber Tester Mini OTDR is a unique mainly designed for construction and maintenance of telecommunication and CATV networks. It can be widely used in engineering construction, maintenance test and emergency repair of all fiber optics related systems. Comparing with a regular OTDR, it is more compact in size and easier for field use.

9 Functions in 1 device

- OTDR
- EVENT MAP (similar to EXFO iLOM)
- Optical Light Source
- Optical Power Meter
- Visual Fault Locator
- RJ45 Ethernet Cable Sequence
- Ethernet Cable Distance
- Ethernet Cable Tracker
- LED Light

Technical Specifications:

Mini-Pro OTDR		
Model	INF- 710R	INF- 710S
Wavelength	550nm±20nm	1310nm/1550nm±20nm
Fiber Type	G.652	
Dynamic Range	24/22 dB	
Event Blind Zone	3m	
ATT Blind Zone	8m	
Test Range	500m~60km	
Pulse Width	3ns~10us	
Ranging accuracy	± (1m+ Sampling interval +0.005 % ×Test distance)	
Loss accuracy	±0.05dB/dB	
Sampling Points	16k~128k	
Sampling resolution	0.05m~8m	
Reflection accuracy	±3dB	
Data Storage	Internal: ≥600; External: TF Card	
Laser Safety Level	Class II	
File format	SOR Standard file format	
Connector	FC/UPC (Interchangeable SC、ST)	

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OPM		
Wave Range	800nm~1700nm	
Interface Type	Universal Joint FC/SC/ST	
Test Range	-50dBm ~ +26dBm	
Uncertainty	±5%	
Frequency	CW/270/330/1k/2kHz	
Identification		
Calibration wavelength	850/980/1300/1310/1490/1550/1625/1650nm	
LS		
LD Type	FP-LD	
Wavelength	1550nm±20nm	1310nm/1550nm±20nm
Output Power	≥-5dBm	
Modulation Frequency	270/330/1k/2kHz	
Stability	CW , ±0.5dB/15min (Test after 15 minutes of preheating)	
Connector	FC/UPC (Interchangeable SC、ST)	
VFL		
Wavelength	650nm±20nm	
Output Power	≥10mW	
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	

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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: 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.

Configuration List:

No.	NAME	Qty	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	



Introduction to function keys

