



## Technical Specifications

Mini-Pro OTDR	
Model	S710
Wavelength	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	$\pm (1m + \text{Sampling interval} + 0.005\% \times \text{Test distance})$
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: $\geq 600$ ; 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

<b>LS</b>		
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)	
<b>VFL</b>		
Wavelength	650nm±20nm	
Output Power	≥10mW	
Mode	CW/1Hz/2Hz	
Connector	FC/SC/ST	
<b>RJ45 Cable Length Measurement</b>		
Test Range	300m	
<b>Other Parameters</b>		
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℃~+50℃	
Storage Temperature	-40℃~+70℃	
Relative Humidity	0~95%Non Condensing	
Size	173mm×82mm×37mm	
Weight	≤350g	
<b>Functions:</b> <b>OTDR/ EVENT</b> <b>MAP/OPM/LS/VFL/RJ45</b> <b>Sequence/RJ45</b> <b>Cable Tracker (Additional purchase detector)/RJ45 Line length/Flashlight</b>		

**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

<b>NO</b> .	<b>NAME</b>	<b>QUANTITY</b>	<b>Remarks</b>
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	