

ST3200E OTDR

iLOM-EVENT MAP



Technical Specifications

Model	ST3200E-A	ST3200E-B
Wavelength	1550nm±20nm	1310nm/1550nm±20nm
Fiber type	G.652	
Dynamic Range	22dB	24dB/22dB
Event Blind Zone	3m	
ATT Blind zone	8m	
Test Range	500m ~64km	
Pulse Width	3ns~10us	
Ranging accuracy	±(1m+ Sampling interval +0.005 % x Test distance)	
Loss accuracy	±0.2dB/dB	
Sample Points	16k~128k	
Sample Resolution	0.05m~8m	
Reflection Accuracy	±3dB	
Data storage	Internal: ≥600; External: TF card	
File Format	SOR Standard File Format	
Laser Safety Level	Class II	
Connector	FC/UPC(Interchangeable SC、ST)	

Others

Display	3.5 inch color LCD
Power Supply	Polymer Li-battery: 3.7V, 4000mAh Adapter: 5VDC, 2A
Data Interface	Micro USB
External storage	TF card

Buttery Life	Standby>20h; measuring time:>12h	
Operating Temperature	-10°C ~+50°C	
Storage Temperature	-40°C ~+70°C	
Relative Humidity	0 ~95 %, Non Condensing	
Weight	≤350g	
Size	173mmx 82mmx37min	
Functions: Blue, OTDR/ Event Map/ VFL/ RJ45 Sequence /RJ45 Cable Tracker (Additional purchase detector)/RJ45 Line Length/ Flashlight		
OPM		
Wavelength range	800nm~1700nm	
Interface Type	Universal joint FC/SC/ST	
Test range	-50dBm~+26dBm	
Uncertainty	±5%	
Frequency Identification	CW/270/330/1k/2kHz	
Calibration Wavelength	850nm/980nm/1300nm/1310nm/1490nm/1550nm/1625nm/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	

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

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 certification	1	
9	Clean cotton slice	10	
10	Instrument Backpack	1	

