

|| X-2100 Multi-function OTDR



FEATURES

- ※ Various wavelength and dynamic ranges are available
- ※ Maximum sampling resolution: 5cm
- ※ With VFL, power meter, laser source, event map etc.
- ※ User friendly GUI design, easy to operate
- ※ Excellent for short-range measurement, dead zone: 0.8m/4m
- ※ Touch-sensitive and solid physical button work together for perfect user experience
- ※ Support multiple analysis functions on testing results: segment return loss event point return loss, multi curves comparison, quick screen shots.

APPLICATIONS

- ※ CATV network testing
- ※ Access network testing
- ※ LAN/WAN network testing
- ※ Metro network testing
- ※ Lab and factory testing
- ※ Real-time trouble shooting

|| General Specifications

Display	5.6 inch TFT-LCD(touch screen) 640x480
Battery	7.4V/2500mAh lithium battery x2, Continuously test: 8 hrs(back light off), Charging time: 3 hrs
Power Adapter	Power supply: Input: 100~250V AC, 50-60 Hz; 3A max; Output: 12V DC; Power: 35W
Data Storage	16G SD card, 100,000 groups of data
Interface	USB A Typex1, Micro-USBx1
Working Temp	-10°C~+50°C
Storage Temp	-20°C~+70°C
Humidity	≤95%(non-condensation)
Dimension	215x155x68mm/1.1kg(with battery)
Package	X-2100 OTDR; power cord; power adapter; FC, SC adapter; Lithium battery; USB cable; SD card; user guide;carrying bag; wrist belt; touch screen pen

|| Technical Specifications

Pulse Width	3ns/5ns/10ns/20ns/50ns/100ns/200ns/500ns/1μs/2μs/5μs/10μs/20μs
Testing Distance	500m/1km/2km/5km/10km/20km/40km/80km/120km/200km/240km
Sampling Resolution	Minimum 5cm
Sampling Point	Maximum 256,000 points
Linearity	≤0.05dB/dB
Scale Indication	X axis: 4~70m/div, Y axis: 0.09~5dB/div
Loss Threshold	0.01dB
Loss Resolution	0.001dB
Distance Resolution	0.01m
Distance Accuracy	±(1m+measuring distancex3x10-5+sampling resolution)(excluding IOR uncertainty)
Refractive Setting	1.2000~1.5999, 0.0001step

Please understand the above contents are subject to change without prior notice.

Other Functional Modules

Module	Parameter	Note
VFL	1-20mW	10mW in default
OPM	Option A: -70dBm~+10dBm; Option B: -50dBm~+23dBm	Option A in default
Laser source	Output: -5dBm±2dB, Frequency: CW/270Hz/1kHz/2kHz	

Models

Model Number	Wavelength(nm)	Dynamic Range(dB)	Event/Attenuation Dead Zone(m)
X-2100-S-A28	1310/1550	28/26	0.8/4
X-2100-S-A32	1310/1550	32/30	0.8/4
X-2100-S-A35	1310/1550	35/33	0.8/4
X-2100-S-A37	1310/1550	37/35	0.8/4
X-2100-S-A40	1310/1550	40/38	0.8/4
X-2100-S-A42	1310/1550	42/40	0.8/4
X-2100-S-B28	1625	28	0.8/4
X-2100-S-B32	1625	32	0.8/4
X-2100-S-B35	1625	35	0.8/4
X-2100-S-B38	1625	38	0.8/4
X-2100-S-C26	1650	26	0.8/4
X-2100-S-C32	1650	32	0.8/4
X-2100-S-C35	1650	35	0.8/4
X-2100-S-C38	1650	38	0.8/4
X-2100-S-AB32	1310/1550/1625	32/30/30	0.8/4
X-2100-S-AB35	1310/1550/1625	35/33/32	0.8/4
X-2100-S-AB37	1310/1550/1625	37/35/34	0.8/4
X-2100-S-AB40	1310/1550/1625	40/38/37	0.8/4
X-2100-S-AB42	1310/1550/1625	42/40/38	0.8/4
X-2100-S-AC32	1310/1550/1650	32/30/30	0.8/4
X-2100-S-AC35	1310/1550/1650	35/33/32	0.8/4
X-2100-S-AC37	1310/1550/1650	37/35/35	0.8/4
X-2100-S-AC40	1310/1550/1650	40/38/37	0.8/4
X-2100-S-AC42	1310/1550/1650	42/40/38	0.8/4
X-2100-M26	850/1300	22/26	1.2/5
X-2100-SM32	850/1300/1310/1550	22/26/32/30	SM: 0.8/4 MM: 1.2/5
X-2100-SM35	850/1300/1310/1550	22/26/35/33	SM: 0.8/4 MM: 1.2/5
X-2100-SM40	850/1300/1310/1550	22/26/40/38	SM: 0.8/4 MM: 1.2/5
X-2100-S-AP35	1310/1490/1550	35/33/33	0.8/4