

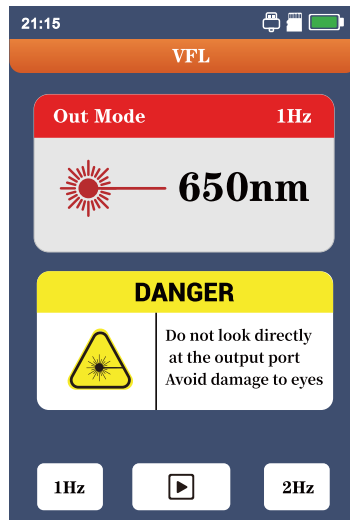
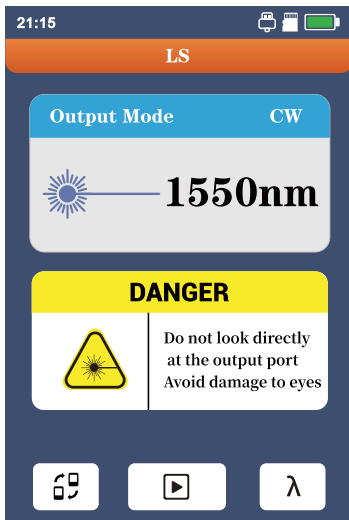
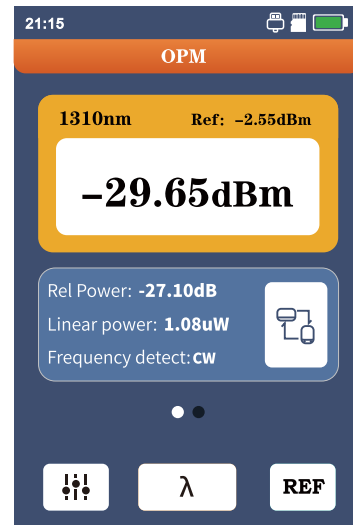
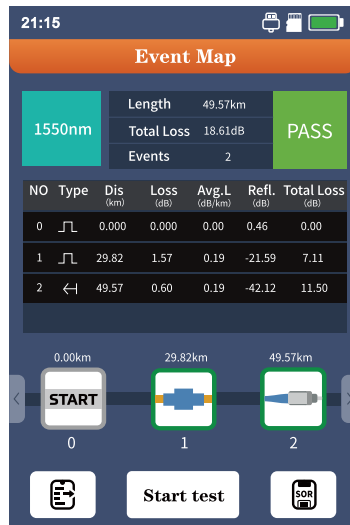
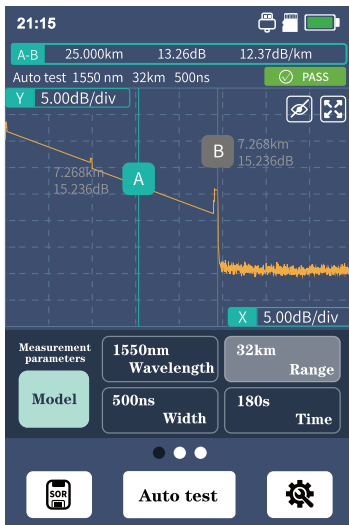
FF-960 Mini OTDR

High Precision, Portable for Easy Carrying and 1550nm Wavelength for In-service Fiber Checking



The FF-960 ultra mini OTDR is designed for in-service fiber checking by its 1550nm working wavelength with high-efficiency wavelength isolator and filter. The FF-960 OTDR can perform normal checking on a fiber which is currently with running signals, whether or not the fiber under test is disconnected from OLT. It support reflecting 10dBm input power to avoid OTDR laser damaged. Measurement range is up to 80km. The FF-960 adopts a 3.5 inch high resolution touch sensitive screen, and also supports multi point touch for smooth operation experience. The compact and easy-to-carry mini OTDR is suitable for fiber network maintenance and installation.

Functions



The Kit Includes:
 OTDR, FC/SC Connector,
 User Manual, USB Disc, OTDRviewer
 Software, Power Charging Adapter,
 Carrying Bag, Warranty Card,
 Certificate of Calibrate

Request a Remote Demo
sales@FirstFiber.cn

General	
Size/Weight	126x80x37mm/0.2kg (Battery included)
Display	3.5 Inch Touch Sensitive LCD
Interface	USB Type C, TF Card Port, OTDR port, VFL port, Power Meter Port, Charging Port
Power Supply	Input: 100V(ac) to 240V(ac), 50~60Hz, 0.6A; Output: 5V(DC), 2A 2200mAh/3.7V Lithium battery
Working Time	Continuous measurement>3.5 hours, Standby>6 hours
Power Saving	Intelligent power management Auto power off: Never/1min/5min/10min/30min/60min
Data Storage	Internal Flash Memory: >2000 curves
Language	English
Environmental Conditions	Operating temperature and humidity: -10°C~+50°C, ≤95% (non-condensation) Storage temperature and humidity: -40°C~+70°C, ≤95% (non-condensation)

OTDR Module	
Wavelength	1550nm ±20nm
Dynamic Range	20dB
Pulse Width	5ns,10ns,20ns,30ns,50ns,80ns,100ns,200ns,300ns,500ns,800ns, 1μs,2μs,3μs,5μs,8μs,10μs,20μs
Distance Range	100m, 300m,500m, 1.25km, 2.5km, 5km, 10km, 20km, 40km, 80km
Dead Zone	Event dead zone: 2.5 meters, Attenuation dead zone: 10 meters
Sampling Resolution	Min 0.03m
Sampling Point	20,000 points
Linearity	≤0.05dB/dB
Averaging Time	Setting by user
Scale Indication	X axis: 4~70m/div, Y axis: 0.09~5dB/div
Distance Accuracy	±(1m+measuring distance×3×10 ⁻⁵ +sampling resolution) (excluding IOR uncertainty)
Loss Threshold	0.2dB
Loss Resolution	0.01dB
Distance Resolution	0.01m
IOR Setting	1.0~2.0, 0.0001 step
Reflection Accuracy	3dB
Units	km
Format	SOR Standard File Format
Analysis method	5-point/4-point
Laser Safety Level	Class II
Connctor	SC/APC, SC/UPC, FC/APC, FC/UPC (selectable when order)

OLS Module	
Laser Type	FP-LD
Wavelength	1550nm
Output Power	> -5dBm
Output Mode	CW/270/330/1k/2k Hz
Stable	±0.5dB/15min (CW mode)
Connector	Same as OTDR

OPM Module

Wavelength	850/980/1300/1310/1490/1550/1625/1650nm
Test Range	-70~+ 10dBm or -50~+ 26dBm
Uncertainty	±5%
Resolution	0.01dB
Modulation	CW/270/330/1k/2k Hz, Pi≥-40dBm, (Auto)
Connector	2.5mm Universal Connector

VFL Module

Wavelength	650nm
Output Power	10mw, CLASSIII B
Range	12km
Launching Mode	CW/1Hz/2Hz
Connector	2.5mm Universal Connector

OTDR Report Printing

