

General Description:

Network OTDR FHO3502

FHO3502 is a portable OTDR with stable and durable, which aims at broadcast and telecommunication network measurement. It is also the first OTDR to achieve data share of point-to-point and point-to-multi-point via internet. Users can remotely control this instrument via PC when conducting fiber maintenance and testing.



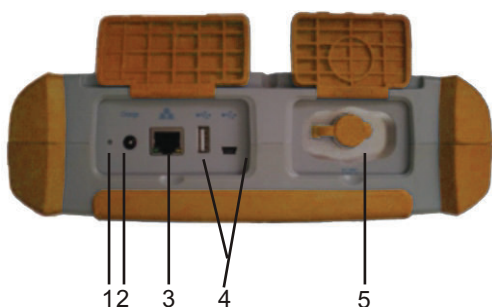
Key Features :

- Remotely control the instrument via Internet
- 6.4" color TFT LCD
- Convenient one-button testing
- High-speed signal processing, less measurement time, and faster result analysis.
- USB port, SD card slot, and Ethernet Port
- Compact and lightweight
- Shock and water proof, Lithium battery to provide more than 10 hours working time
- Linux operating system for easy upgrade

Front Panel:



Top Panel

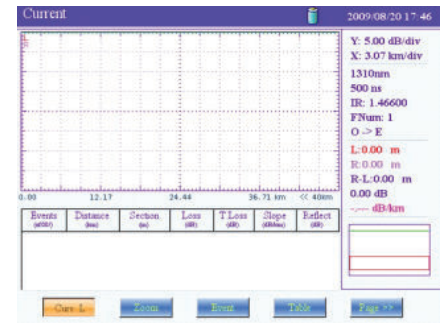


No.	Name	Description
1	Charging Indicator	Red light – Battery is being charged Green light – Battery is fully charged
2	Charging Interface	Used to connect to power cord to provide power supply and recharge the battery
3	RJ45 Internet Interface	Connect to internet for remote control , data sharing, and upgrade
4	USB Ports (host and client)	Connect to USB drive, keyboard, and PC for data sharing, analysis, print, and system upgrade.
5	Optical Interface	Standard FC / PC, SC/PC optical Connector (SC/APC is optional)

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Screen Display

Press the on-off button to turn on the device. The main screen will be displayed as following:



Module Specifications

type	wavelength (nm)	dynamic range(dB)	event dead zone (m)	attenuation dead zone(m)
FHO3502L	1310±20/1550±20	33/31	<1.5m	<10m
FHO3502	1310±20/1550±20	35/33	<1.5m	<10m
FHO3502H	1310±20/1550±20	37/35	<1.5m	<10m

Module Specifications

Distance (Km)	5m-200km	
Pulse width(ns)	5ns-20µs	
Measurement time	user-defined (smart link) with real-time measurement function	
Distance uncertainty(m)	±(0.5m ±0.001%*testing distance±resolution)	
Linearity	±0.05dB/dB	
Loss threshold(dB)	0.01dB	
Loss resolution(dB)	0.001dB	
Distance resolution(m)	0.1m	
Sampling points	64000	
Data storage	1000 item(FHO3502L/FHO3502)	2000 item(FHO3502H)

Others

Display	6.4 inch TFT color LCD
Fiber adapter	FC/PC SC/PC
Interface	USB(Principal and subordinate each), SD, RJ45
Battery	built-in rechargeable Li-ion battery (charging time <4 hours, working time >10 hours)
Power	AC/DC adapter (Input AC90-240V ±10%,Output DC18V)
Operating temperature	-10°C~40°C
Storage temperature	-40°C~70°C
Relative humidity	<80%
Weight	<2.5Kg
Dimensions (mm)	248×201×75mm

Standard Accessories

Standard Accessories	SQuantity	Standard Accessories	SQuantity
OTDR	1	FC adapter	1
AC-DC power adapter/charger	1	SC adapter	1
Operation guide	1	USB wire	1
Carrying bag	1	Toolbox software CD	1
SD card (1G)	1		1