

FIBTECH OTDR SERIES

KEY FEATURES

- Hand-held and portable
- High cost performance
- 5-inch HD touch screen
- Simple interface and one-button testing
- Long working hours
- Support multi-languages

APPLICATIONS

- CATV Network Testing
- Access Network Testing
- LAN/WAN Network Testing
- Metro Network Testing
- Lab and Factory Testing
- Real-time troubleshooting



Fully featured, dedicated portable OTDRs designed for your basic OTDR testing needs.

Easy testing with MINI OTDR Series :

With its lightweight design and user friendly dimension, MINI OTDR Series is perfect for the inside or outside plant environment and can be easily operated even by a novice.

Fibershot MINI SMART OTDR Series ensures accurate and complete fiber evaluation while the testing requires only one key to start, allowing anyone to proceed error-free testing. Its ease of use, economical price, high resolution and compact size make it be a qualified as the best OTDR tester for installation, operation and maintenance of optical networks.



Specifications

Dimension	195x140.5x46mm / 0.9 kg (Battery included)
Display	5 Inch TFT-LCD (Touch Screen)
Interface	3xUSB Port (USB A Type x 2, Micro-USB x1)
Battery	7.4V/3300 mAh Lithium Battery (with Air Traffic Certification) Continuously Test : 6 Hours (Back light off) Charging Time : 3.5 Hours
Data Storage	40,000 results
Environmental Conditions	Operating Temperature and Humidity : 10°C~+50°C, < 95% (non-condensation) Storage Temperature and Humidity : 20°C~+70°C, < 95% (non-condensation)
Accessories	Main Unit, 12V Power Adaptor, Lithium Battery, FC Adapter, USB Cord, User Guide, CD Disk, Carrying Case, Wrist Belt

OTDR SERIES



Test Parameters

Pulse Width	3ns, 5ns, 10ns, 20ns, 50ns, 100ns, 200ns, 500ns, 1μs, 2μs, 5μs, 10μs, 20μs (20μs only for B-35/33)
Testing Distance	100m, 500m, 2km, 5km, 10km, 20km, 40km, 80km, 120km, 160km, 240km
Sampling Resolution	Minimum 4cm
Sampling Point	Maximum 128,000 points
Linearity	0.04dB/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	$\pm(1m + \text{measuring distance} \times 3 \times 10^{-5} + \text{sampling resolution})$ (excluding IOR uncertainty)
Refractivity Setting	1.2000~1.5999, 0.0001 step
Power Supply	AC DC adopter input 100 to 250 volt ac, 50-60 Hz

VFL Module (Optional):

Wavelength	650nm
Power	10mw, CLASS III B
Range	12km
Connector	FC/UPC
Launching Mode	CW/2Hz

OPM Module (Optional):

Wavelength Range	800~1700nm
Calibrated Wavelength	850/1300/1310/1490/1550/1625/1650nm
Test Range	-60~+5dBm
Resolution	0.01dB
Accuracy	$\pm 0.35\text{dB} \pm 1\text{nW}$
Modulation Identification	270/1k/2kHz, Pinput ³ -40dBm
Connector	FC/UPC

Technical parameter:

Type	Testing Wavelength	Dynamic Range	Event/Attenuation dead-zone
A-26/24	1310/1550nm	26/24dB	1/4m
B-35/33	1310/1550nm	35/33dB	1/4m

ORDERING INFORMATION:

OTDR-XX-XX-XX-XX

Dynamic Range

A-26/24 26/24dB
B-35/33 35/33dB

Visual Fault Locator

/ Without Visual Fault Locator
VFL With Visual Fault Locator

Connector

/ FC/UPC (default)
SC SC/UPC
ST ST/UPC

Power Meter

/ Without power meter
PM With power meter

Authorised representatives: