

MINI 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



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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	±(1m+measuring distance×3×10 ⁻⁵ +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, CLASSIII 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	±0.35dB±1nW
Modulation Identification	270/1k/2kHz, Pinput -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:

MINI 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:

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