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Data Sheet

August 13, 2026

FLUKE

Fluke OFTM-5612B Enhanced MultiMode OTDR

The Fluke OFTM-5612B Enhanced MultiMode OTDR delivers integrated fiber optic testing, certification, and troubleshooting in a single portable instrument. Built for multimode fiber networks, it combines OTDR analysis, optical power measurement, loss/length certification, and fiber end-face inspection - eliminating the need for multiple tools on the bench or in the field. The unit identifies faults, locates events, measures link attenuation, and verifies compliance with industry standards. Auto OTDR analysis accelerates diagnostics, while LinkWare PC software manages data, performs analysis, and generates professional reports. Compatibility & Integration LinkWare PC software enables offline analysis, custom reporting, and compliance documentation. Removable connector interfaces support field deployment across diverse network installations. Aumictech offers NIST-traceable calibration and



MODEL

Fluke OFTM-5612B

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

OFTM-5612B

LISTING

<https://aumictechlabs.com/products/oftm-5612b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

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industry standards. Auto OTDR analysis accelerates diagnostics, while LinkWare PC software manages data, performs analysis, and generates professional reports.

Technical Specifications

OTDR LED sources: 850 nm and 1300 nm
Maximum pulse width: 650 nsec
Maximum distance range: 7.00 km
Event dead zones: as short as 1 m
Distance accuracy: $\pm 1 \text{ m} \pm 0.005\%$ of distance
 $\pm 50\%$ of resolution
 $\pm$ IOR error
 $\pm$ event location error
Loss threshold: 0.2 dB
Linearity: 0.01 dB to 1.5 dB
Output power (850 nm): >110 mW-pk
Output power (1300 nm): >22 mW-pk
Power meter detector: InGaAs
Power meter calibrated wavelengths: 850 nm, 1310 nm, 1550 nm
Power measurement range (1300/1310 nm and 1550 nm): 0 to -60 dBm
Power measurement range (850 nm): 0 to -52 dBm
Fiber end-face magnification: 250x / 400x switchable
Data storage: 32 MB
MMC Battery: Li-Ion with AC adapter included

Key Features

Dual-wavelength OTDR for comprehensive fiber characterization
Integrated InGaAs power meter across three calibrated wavelengths
Standards-based two-fiber, dual-wavelength loss/length certification
FiberInspector™ Pro fiber end-face inspection with switchable magnification
ChannelMap™ and Auto OTDR analysis for rapid event identification
LinkWare PC software integration for centralized data management and reporting

Typical Applications

Multimode fiber link testing and certification
Splice and connector loss measurement
Fault location and distance-to-event determination
Fiber end-face quality assessment
Installation verification and acceptance testing

Compatibility & Integration

LinkWare PC software enables offline analysis, custom reporting, and compliance documentation. Removable connector interfaces support field deployment across diverse network installations.

Features & description

From manufacturer datasheet

Features

- OTDR + power meter + loss/length in one module
- Dual-wavelength 850/1300 nm multimode OTDR
- Removable/cleanable SC/UPC connectors
- Far-end source mode for extended loss/length reach

Applications

- Multimode OTDR fault location and characterization
- Loss/length certification of MM links
- Enterprise and campus multimode fiber troubleshooting

OFTM5612B Characteristics / Specifications

PARAMETER	VALUE
Model	OFTM-5612B
Manufacturer	Fluke Networks
Instrument Type	Multimode OTDR Module (OTDR + PM + Loss/Length)
Alias	OFTM-5612B; Fluke OFTM-5612B
Wavelengths (OTDR)	850 +/-20 nm and 1300 +/-25 nm (literature also cites +/-20 nm at 1300)
Fiber types	50/125 um or 62.5/125 um multimode
Connector	SC/UPC removable/cleanable
Event deadzone 850 nm	0.5 m typical
Event deadzone 1300 nm	1.3 m typical
Attenuation deadzone 850 nm	4.5 m typical
Attenuation deadzone 1300 nm	10.5 m typical
Max distance range	850 nm 3 km; 1300 nm 7 km
Dynamic range	850 nm 15 dB typical; 1300 nm 14 dB typical
Loss/length LED wavelengths	850 nm and 1300 nm
Loss/length range	5 km of 50/62.5 um MM; 20 km far-end source mode
Power meter detector	InGaAs
Power meter calibrated wavelengths	850, 1310, 1550 nm
Power measurement range	0 to -52 dBm (850 nm); 0 to -60 dBm (1300/1310/1550 nm)
Source output power (nominal)	-19.5 dBm
Testing speed class	<10 s for two wavelengths at 2 km / 25 cm resolution Notes Specs from Fluke Networks OptiFiber OFTM-561xB/573x extended specifications. Confirm mainframe pairing (OF-500).
Attenuation	deadzone 850 nm: 4.5 m typical

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.