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Data Sheet

August 14, 2026

ANRITSU

Anritsu MU909015B1 "µOTDR Module, 2-wavelength, 35 dB class OTDR With VLD For MT9090A Network Master Series Mainframes

The Anritsu MU909015B1 is a µOTDR module variant in the MU909014x/15x family for the MT9090A Network Master, sharing the compact high-performance OTDR architecture with multi-wavelength testing for installation and maintenance. OEM family literature cites up to 38 dB dynamic range, sub-meter dead zones, and 2 cm class resolution. Access and metro fiber OTDR testing, FTTx maintenance, and modular handheld optical fault location. Dynamic Range Maximum Class: up to 38 dB family Event Resolution Class: 2 cm class family Export Classification Class: Commercial OTDR class Remote Transfer Class: Trace file transfer class Related Modules: MU909014C MU909015C family From Anritsu µOTDR MU909014x/15x family documentation for the MU909015B1 configuration. Confirm exact wavelengths on the module option label.



MODEL

**Anritsu
MU909015B1**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

MU909015B1

LISTING

<https://aumictechlabs.com/products/mu909015b1-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Anritsu MU909015B1 is a µOTDR module engineered for the MT9090A Network Master series mainframes. It delivers dual-wavelength operation at 1310 nm and 1550 nm, a 35 dB class

dynamic range, and an integrated Visual Fault Locator for field fiber certification and troubleshooting. The module supports single-mode fiber testing with real-time sweep capability and automatic parameter selection, making it suitable for both installation and maintenance in FTTx and PON networks. Technical Specifications Wavelengths: 1310 nm, 1550 nm Dynamic Range: Up to 37 dB (35 dB class) Event Dead Zone: <1 m typical (Fresnel reflection ≤ 0.8 m; backscatter ≤ 4.0 m at 1310 nm, ≤ 4.5 m at 1550 nm) Sampling Resolution: 5 cm nominal; minimum 2 cm Distance Accuracy: ± 1 m $\pm 3 \times$ measurement distance $\times 10^{-5} \pm$ marker resolution Wavelength Accuracy: ± 20 nm Refractive Index Range: 1.3000 to 1.7000 Sampling Points: <125,001 (expandable to <250,001 with resolution options) OTDR Accuracy: ± 0.5 dB Real-time Sweep: <1 second typical Fiber Type: Single-mode (ITU-T G.652) Key Features Visual Fault Locator: Integrated VLD at 650 ± 15 nm, output 0 ± 3 dBm (0.5–2 mW), supporting CW and MOD functions for rapid fault identification Launch Fiber: 10 m integrated launch fiber for accurate initial connector measurements Live Fiber Detection: Available on specific options to verify active communication light presence Automatic Testing: Full Auto mode for simplified parameter selection without manual configuration Connector Inspection: End-face analysis with automatic pass/fail determination per IEC61300-3-35 Data Management: USB file transfer, drag-and-drop operation, and external USB memory support PON Capability: Supports PON-based networks with splits to 1×64 Typical Applications Fiber installation verification, in-service maintenance, splice optimization, PON network diagnostics, and optical connector quality assessment. Compatibility & Integration Designed exclusively for MT9090A Network Master series mainframes. Operates with single-mode fiber and universal $\varnothing 2.5$ mm optical connectors.

MU909015B1 Characteristics / Specifications

PARAMETER	VALUE
Host Mainframe	MT9090A Network Master
Instrument Type	μOTDR module
Series Family	MU909015B1
Dynamic Range Maximum Class	up to 38 dB family
Dead Zone Class	less than 1 m family
Event Resolution Class	2 cm class family
Wavelength Set Class	Dual or tri wavelength per option class
Fiber Type	Single mode
Form Factor	Handheld modular OTDR plugin
PON Support Class	FTTx PON testing class
Distance Capability Class	over 150 km class family
Connector Class	User interchangeable optical adapters class
Operating Temperature Class	Field handheld range class
Power	Supplied by MT9090A
Display	Through MT9090A handheld UI
Calibration	Optical OTDR calibration class
Export Classification Class	Commercial OTDR class
Warmup Class	Per module recommendation
Storage	Internal trace memory class
Remote Transfer Class	Trace file transfer class
Related Modules	MU909014C MU909015C family
Manufacturer	Anritsu
Operating temperature	Class: Field handheld range class

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: Field handheld range class
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Operating Temperature Class	Field handheld range class
Power	Supplied by MT9090A
Display	Through MT9090A handheld UI
Calibration	Optical OTDR calibration class
Export Classification Class	Commercial OTDR class
Warmup Class	Per module recommendation
Storage	Internal trace memory class
Remote Transfer Class	Trace file transfer class
Related Modules	MU909014C MU909015C family
Manufacturer	Anritsu Notes From Anritsu μOTDR MU909014x/15x family documentation for the MU909015B1 configuration. Confirm exact wavelengths on the module option label.

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.

performance OTDR architecture with multi-wavelength testing for installation and maintenance. OEM family literature cites up to 38 dB dynamic range, sub-meter dead zones, and 2 cm class resolution.	
Applications	
Access and metro fiber OTDR testing, FTTx maintenance, and modular handheld optical fault location.	
Key Features	
μOTDR for MT9090A	
Multi wavelength OTDR family	
High dynamic range compact module	
Short dead zone performance	
Palm sized modular platform	
Technical Specifications	
Technical Specifications	
PARAMETER	VALUE
Host Mainframe	MT9090A Network Master
Instrument Type	μOTDR module
Series Family	MU909015B1
Dynamic Range Maximum Class	up to 38 dB family
Dead Zone Class	less than 1 m family
Event Resolution Class	2 cm class family
Wavelength Set Class	Dual or tri wavelength per option class
Fiber Type	Single mode
Form Factor	Handheld modular OTDR plugin
PON Support Class	FTTx PON testing class
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Storage	Internal trace memory class
Remote Transfer Class	Trace file transfer class

PARAMETER	VALUE
Related Modules	MU909014C MU909015C family
Manufacturer	Anritsu

Notes

From Anritsu μ OTDR MU909014x/15x family documentation for the MU909015B1 configuration. Confirm exact wavelengths on the module option label.

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

Aumictech

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

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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.