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Data Sheet

August 14, 2026

ANRITSU

Anritsu MW98A Optical Mainframe

Anritsu MW98A Optical Multimeter Family Instrument The Anritsu MW98A is a legacy Anritsu optical multimeter / optical power and loss test instrument for fiber installation measurements. OEM Anritsu optical handheld literature for MW9x instruments describes optical power measurement, loss testing with companion sources, and field optical maintenance functions. Optical power measurement, insertion-loss testing, and field fiber maintenance. Instrument Type: Optical multimeter / power meter class The Anritsu MW98A is a legacy Anritsu optical multimeter / optical power and loss test instrument for fiber installation measurements. OEM Anritsu optical handheld literature for MW9x instruments describes optical power measurement, loss testing with companion sources, and field optical maintenance functions. Optical power measurement, insertion-loss testing, and field fiber maintenance. Instrument Type: Optical multimeter / power meter class Primary Measurement: Optical power and loss



MODEL

Anritsu MW98A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

MW98A

LISTING

<https://aumictechlabs.com/products/mw98a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Anritsu MW98A is a Optical Time Domain Reflectometer (OTDR) designed for comprehensive fiber optic cable testing and maintenance. It has precise fault location, loss measurement, and fiber characterization, ensuring optimal network performance. This instrument is particularly suited for field technicians and network engineers who require accurate and reliable fiber optic analysis. Technical Specifications While specific detailed technical specifications for the Anritsu

MW98A are not readily available in publicly accessible datasheets, its function as an OTDR implies capabilities for:

- * Wavelengths: Typically operates at standard optical communication wavelengths such as 850 nm, 1300 nm, 1310 nm, 1550 nm, and potentially 1625 nm, depending on the installed modules or configurations.

Dynamic Range: Critical for measuring long fiber spans. Older models like the MW9060A offered dynamic ranges of 34/32 dB or greater at 1.31/1.55 μm , suggesting the MW98A would aim for comparable or superior performance.

Pulse Widths: Variable pulse widths are essential for optimizing between measurement range and resolution.

Dead Zones: Includes specifications for both event dead zones and attenuation dead zones, crucial for detecting closely spaced events or faults. For instance, the MW0944B plug-in unit for the MW9060A had a near-end dead zone of less than 8 meters.

Measurement Accuracy: High accuracy in distance and loss measurements is a hallmark of OTDRs.

Data Storage and Output: Typically includes capabilities for storing trace data and printing results, often via built-in printers or data interfaces.

Fiber Type Compatibility: Supports both single-mode and multimode fiber testing.

Modules and Accessories

The Anritsu MW98A can be a modular platform, allowing for configuration with various plug-in units and accessories to suit specific testing requirements. While direct specifications for MW98A modules are scarce, related Anritsu OTDRs and systems suggest common module types:

- * OTDR Mainframe: The core unit that houses the processing, display, and power supply.

OTDR Modules: These are crucial for specifying the optical performance, such as wavelength, dynamic range, and pulse characteristics. Modules for other Anritsu OTDRs include options for different wavelength combinations and performance levels.

Optical Power Meters/Sensors: For complementary optical power measurements. For example, the Anritsu MA98A is a germanium photodiode sensor.

Video Plotters: Such as the UA455A or UA855A, for hardcopy output of measurement results.

Service Manuals: Essential for maintenance and in-depth technical understanding.

Applications

The Anritsu MW98A OTDR is used for:

- * Fiber Optic Cable Installation and Maintenance: Verifying the integrity of installed fiber optic networks.

Fault Location: Pinpointing the exact location of breaks, splices, connectors, and other anomalies within a fiber optic cable.

Loss Measurement: Quantifying the signal loss introduced by various components and segments of the fiber link.

Fiber Characterization: Analyzing the reflective and non-reflective properties of the fiber optic cable and its components.

Network Performance Assurance: Ensuring that fiber optic networks operate at their intended performance levels.

Compatibility

The Anritsu MW98A can interface with standard fiber optic connectors. Its compatibility with specific Anritsu mainframe units and plug-in modules would be detailed in its operational manuals.

Why Choose Aumictech for Anritsu MW98A? At Aumictech, we specialize in supplying high-end fiber optic test equipment. Whether you need precise fault location, comprehensive fiber characterization, or reliable network maintenance solutions, our team ensures the Anritsu MW98A delivers maximum performance for your application.

MW98A Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Optical multimeter / power meter class
Series Family	MW98A
Primary Measurement	Optical power and loss
Fiber Type Class	SM and MM adapter dependent class
Wavelength Calibration Points Class	Multi wavelength cal points class
Display	Optical power display class
Connector Class	Interchangeable optical adapters class
Operating Temperature Class	Field optical instrument range class
Battery Operation Class	Battery powered field use class
Form Factor	Portable optical meter
Calibration	Optical power calibration class
Export Classification Class	Commercial optical meter class
Warmup Class	Per operating manual
Dynamic Range Class	Wide optical power range class
Resolution Class	0.01 dB class typical optical meters
Units	dBm and watts class
Storage Class	Limited reading memory class
Remote Interface Class	Optional optical meter interface class
Related Sources	Companion MW optical sources class
Weight Class	Handheld optical meter weight class
Use Case	Fiber installation loss testing
Safety Class	Optical eye safety per source pairing class
Operating temperature	Class: Field optical instrument range class
Fiber type	Class: SM and MM adapter dependent class

MW98A Specifications

PARAMETER	VALUE
Anritsu MW98A Optical Multimeter Family Instrument	Overview
Interchangeable adapters class	Anritsu MW9x family member
Technical Specifications	Instrument Type: Optical multimeter / power meter class
Notes	From Anritsu MW98A optical multimeter family documentation. Confirm detector type, calibrated wavelengths, and range on the unit datasheet.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: Field optical instrument range class
Operating Temperature	Class: Field optical instrument range class
Operating Temperature Class	Field optical instrument range class
Battery Operation Class	Battery powered field use class
Form Factor	Portable optical meter
Calibration	Optical power calibration class
Export Classification Class	Commercial optical meter class
Warmup Class	Per operating manual
Dynamic Range Class	Wide optical power range class
Resolution Class	0.01 dB class typical optical meters
Units	dBm and watts class
Storage Class	Limited reading memory class
Remote Interface Class	Optional optical meter interface class
Related Sources	Companion MW optical sources class
Weight Class	Handheld optical meter weight class
Use Case	Fiber installation loss testing
Safety Class	Optical eye safety per source pairing class Notes From Anritsu MW98A optical multimeter family documentation. Confirm detector type, calibrated wavelengths, and range on the unit datasheet.

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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Instrument Type	Optical multimeter / power meter class
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Notes	
From Anritsu MW98A optical multimeter family documentation. Confirm detector type, calibrated wavelengths, and range on the unit datasheet.	

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

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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.