

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

ANRITSU

Anritsu ML93A Optical Power Meter

The Anritsu ML93A is an optical power meter for measuring optical power in fiber systems. Fiber optic installation, manufacturing test, and optical lab measurements. Application Class: optical component and link test Form Factor: benchtop or modular platform class Environment: optical lab or field conditions per manual Options: wavelength detector or OTDR modules class Successor: later Anritsu optical platforms Configuration Note: Identity from Anritsu ML93A listings; expand OEM accuracy tables before denser upload.



MODEL

Anritsu ML93A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

ML93A

LISTING

<https://aumictechlabs.com/products/ml93a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Anritsu ML93A is an optical power meter designed for accurate measurement of optical power across a broad spectrum of applications. It is engineered to work in conjunction with Anritsu's MA95A, MA96A, MA97A, and MA98A optical power sensors. The device is characterized by its user-friendly interface, featuring a digital display with a four-digit resolution, and an analog meter for at-a-glance readings. The ML93A offers versatile measurement capabilities, allowing selection between Watts, dBm, and dB (Relative) displays. It supports automatic zero adjustment and can be calibrated by inputting sensor-specific calibration constants for compensated readings. For enhanced functionality, an optional GP-IB interface is available. The unit can operate on AC power (100 to 130 Vac or 200 to 260 Vac) or an external battery pack (MZ95A), providing flexibility for both lab and field use. Technical Specifications * Power Measuring Range: * -90

dBm to +10 dBm (with specific sensors and wavelengths) * Specific ranges include: -90 to 0 dBm, -65 to +10 dBm, -40 to +10 dBm, -80 to 0 dBm, -50 to +10 dBm. Wavelength Range: * 0.38 to 1.8 μm (covered by its compatible optical power sensors) Accuracy: * $\pm 5\%$ (typically at 0.85 μm , -10 dBm) * $\pm 5\%$ (typically at 1.3 μm , -10 dBm) Resolution: * Digital display: 4 digits * dBm display: 0.01 dB * dB (REL) display: 0.001 dB Sensors Compatibility: * Compatible with Anritsu MA95A, MA96A, MA97A, and MA98A optical power sensors. * The MA95A utilizes a silicon photodiode, while the MA96A uses a germanium photodiode. * The MA97A uses a silicon photodiode, and the MA98A uses a germanium photodiode. * Sensors can be connected to the display unit without readjustment, and data for wavelength sensitivity is available. Display: * Digital display (4 digits) * Analog meter * Selectable display units: Watts, dBm, dB (REL) Calibration: * Automatic zero adjustment with a single button/switch * Calibration constants for optical power sensors can be input for compensated readings. * Internal display calibration circuit for reliability. Electrical * Power Requirements: * 100 to 130 Vac or 200 to 260 Vac (selectable via power transformer taps) * Power consumption: 220 VA * External Battery Pack: MZ95A supported Interfaces * Optional: GP-IB interface Recorder Output: 1 V full-scale linear analog output proportional to power level in watts. Physical * Dimensions: 282 mm (width) x 99 mm (height) x 200 mm (depth) Weight: Approximately 3.5 kg Compatibility * Optical Power Sensors: Anritsu MA95A, MA96A, MA97A, MA98A Why Choose Aumictech for the Anritsu ML93A? At Aumictech, we specialize in supplying high-end optical test and measurement equipment. Whether you need precise optical power measurements, reliable performance across a wide dynamic range, or seamless integration with Anritsu sensors, our team ensures the Anritsu ML93A delivers maximum performance for your application.

ML93A Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Optical test instrument
Model	ML93A
Manufacturer	Anritsu
Domain	fiber optics
Application Class	optical component and link test
Form Factor	benchtop or modular platform class
Use Stage	R&D manufacturing field
Calibration	OEM optical calibration
Connectors	industry fiber connectors via adapters
Display	optical parameter readout
Remote	GPIB or platform control class
Wavelength	telecom wavelength operation class
Dynamic Range	instrument/module dependent
Resolution	fine optical setting/measurement class
Accessories	fiber adapters jumpers
Documentation	Anritsu model manual
Environment	optical lab or field conditions per manual
Safety	observe optical power hazards
Maintenance	connector cleaning critical
Units	dB dBm nm class
Stability	allow warm up
Family	Anritsu optical instruments
Successor	later Anritsu optical platforms
Configuration Note	Identity from Anritsu ML93A listings; expand OEM accuracy tables before denser upload.

ML93A Specifications

PARAMETER	VALUE
Anritsu ML93A Optical Power Meter	Overview
Technical Specifications	Instrument Type: Optical test instrument
Notes	Identity from Anritsu ML93A listings; expand OEM accuracy tables before denser upload.

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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Notes

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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

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.