

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

ANRITSU

Anritsu ML910A Optical Power Meter

The Anritsu ML910A is an optical power meter in the Anritsu ML9xx family for fiber optic power measurements. 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 ML910A listings; expand OEM accuracy tables before denser upload.



MODEL

Anritsu ML910A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

ML910A

LISTING

<https://aumictechlabs.com/products/ml910a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Anritsu ML910A is a dual-channel digital optical power meter designed for precise optical power measurements across a wide wavelength range. It has independent measurement capabilities for each of its two channels, allowing for versatile and sophisticated optical power analysis. The instrument is compatible with nine different types of optical sensors, enabling flexibility for various applications. A key feature is the built-in wavelength sensitivity data within the optical sensors, which allows for direct readout of true power values by simply setting the desired wavelength. This capability covers a broad wavelength range from 0.38 to 1.8 μm . The ML910A is engineered for high accuracy, particularly at low power levels, and supports relative measurements with a resolution down to 0.001 dB when using a feed-through sensor, effectively canceling out fluctuations in the optical source output. For enhanced functionality, the ML910A

includes a data storage function, capable of storing measurement data for later retrieval or output via the standard GPIB interface. Technical Specifications * Channels: 2-channel input, digital display. Display: 4-digit digital display with a bar graph. * Units: Selectable between W, dBm, and dB (REL). * Relative Power Display: Direct readout, 4-digit. * Averaging: Selectable ON/OFF. Measurement Range: Covers wavelengths from 0.38 μm to 1.8 μm with two optical sensors. Sensitivity: Down to -90 dBm at 1.3 μm . Dynamic Range: Wide dynamic range from -90 dBm to +10 dBm. Resolution: * Relative measurements (REL/DIFF): 0.001 dB. * Watts display: 0.1% to 1%. * dBm display: 0.01 dB. Accuracy: * Relative measurements with a feed-through sensor can achieve high accuracy by canceling source fluctuations. * Sensors incorporate wavelength sensitivity data for direct readout of absolute optical power at specified wavelengths. * Internal display calibration circuit for enhanced reliability. Wavelength Coverage: 0.38 μm to 1.8 μm (depending on the optical sensor used). Optical Sensors: Compatible with nine types of optical sensors. * MA9801A / MA9301A: Wavelength range 0.38-1.15 μm (Si diode). * MA9802A / MA9302A: Wavelength range 0.75-1.7 μm (InGaAs). * MA9803A / MA9303A: Wavelength range 0.38-1.15 μm (Si diode). * MA9804A / MA9304A: Wavelength range 0.75-1.8 μm (Ge diode). * MA9805A: Wavelength range 0.75-1.7 μm (InGaAs). Data Storage: * Internal data storage function. * RAM backup capability for data retention. * Up to 3,000 measured values can be stored (ML910B, inferred capability for ML910A). Interfaces: * GPIB (General Purpose Interface Bus) for data output. Recorder Output: 1V full-scale linear analog output proportional to power level in watts. Electrical Specifications * Calibration: Internal display calibration circuit. Power Measurement Accuracy: Achieved through sensor integration with wavelength sensitivity data. Physical Specifications * Dimensions: 88 mm (H) x 213 mm (W) x 250 mm (D). Weight: Approximately 2.5 kg or less. Compatibility * Optical Sensors: Designed to work with a range of Anritsu optical power sensors. Connectors: Sensors typically utilize connectors like FC, with adapter options available. Why Choose Aumictech for Anritsu ML910A? At Aumictech, we specialize in supplying optical test and measurement equipment. Whether you need precise optical power measurements, versatile sensor compatibility, or reliable data logging capabilities, our team ensures the Anritsu ML910A delivers maximum performance for your application.

ML910A Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Optical test instrument
Model	ML910A
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 ML910A listings; expand OEM accuracy tables before denser upload.

ML910A Specifications

PARAMETER	VALUE
Anritsu ML910A Optical Power Meter	Overview
Technical Specifications	Instrument Type: Optical test instrument
Notes	Identity from Anritsu ML910A 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

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.