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Data Sheet

August 15, 2026

ANRITSU

Anritsu MA9305A Optical Power Sensor

The Anritsu MA9305A is an optical power sensor for Anritsu optical power meter mainframes. Anritsu optical sensor family datasheets list InGaAs detectors covering telecom wavelengths with calibrated power ranges suitable for fiber optic production and lab measurements. Fiber optic absolute power measurement with Anritsu optical power meter hosts in manufacturing and laboratory environments. Wavelength Class: telecom 850/1310/1550 nm bands class Host: Anritsu optical power meter mainframe Dynamic Range Class: wide optical power range Uncertainty Class: sensor calibration uncertainty Compatibility: Anritsu ML/MU optical meters class Identity from Anritsu MA9305A Optical Power Sensor listings. Exact wavelength calibration points and power range are on the Anritsu sensor calibration certificate.



MODEL

Anritsu MA9305A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

MA9305A

LISTING

<https://aumictechlabs.com/products/ma9305a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Anritsu MA9305A is an optical power sensor designed for precise measurement of optical power within a specific wavelength range. It is utilized in various optical communication testing scenarios where accurate power readings are critical for system performance and diagnostics. Technical Specifications * Wavelength Range: 0.75 to 1.7 μm Element: InGaAs photodiode Power Measuring Range: -70 to +3 dBm (at 1.3 μm), equivalent to 0.1 nW to 2 mW Accuracy: $\pm 5\%$ at 1.3 μm and -23 dBm Resolution: * Watts display: 0.1% to 1% * dBm display: 0.01 dB * dB (REL) DIFF

display: 0.001 dB Input Type: Connector adapter Ambient Temperature Rated Range of Use: 0° to 45°C Physical Characteristics * Dimensions: 31 mm (H) × 40 mm (W) × 65 mm (D) Mass: <400 g Electrical Characteristics * Power Requirements: * 85 to 250 Vac, 50/60 Hz, <20 VA * 10.5 to 15 Vdc external power source Compliance and Certifications * EMC: EN61326:1997/A1:1998 (Class A), EN61000-3-2:1995/A2:1998 (Class D), EN61326:1997/A1:1998 (Annex A) LVD: EN61010-1:1993/A2:1995 (Installation Category II, Pollution degree 2) Applications The Anritsu MA9305A is suitable for a range of applications where precise optical power measurement is required, including: * Testing and calibration of optical communication systems. Characterization of optical components. Laboratory measurements. Field testing and maintenance of optical networks. Calibration and Maintenance Anritsu offers calibration services to ensure the continued accuracy and performance of their equipment. These services include standard and premium calibration options, with adjustments performed to meet published specifications. Calibration is traceable to National or International Standards where applicable. Compatibility The Anritsu MA9305A optical power sensor can integrate with Anritsu optical power meters and other compatible test and measurement equipment. Specific compatibility details, such as required interface cables or host instruments, should be verified with Anritsu documentation or sales representatives. Why Choose Aumictech for the Anritsu MA9305A? At Aumictech, we specialize in supplying high-end optical test and measurement equipment. Whether you need precise optical power readings for telecommunications testing, characterization of optical components, or reliable performance in demanding laboratory environments, our team ensures the Anritsu MA9305A delivers maximum performance for your application.

MA9305A Characteristics / Specifications

PARAMETER	VALUE
Model	MA9305A
Instrument Type	optical power sensor
Manufacturer	Anritsu
Detector Type Class	InGaAs
Wavelength Class	telecom 850/1310/1550 nm bands class
Connector	fiber adapter interface
Host	Anritsu optical power meter mainframe
Form Factor	detachable sensor head
Operating Temperature Class	0 C to 40 C
Storage Temperature Class	minus 20 C to 60 C
Humidity Class	non condensing
Calibration	wavelength calibrated power
Dynamic Range Class	wide optical power range
Linearity Class	calibrated linearity
Uncertainty Class	sensor calibration uncertainty
Cable	sensor interconnect cable
Duty	continuous measurement
Grounding	meter chassis reference
Cooling	ambient
Mass Class	handheld sensor head
Safety	optical eye safety practices
Compatibility	Anritsu ML/MU optical meters class
Input	optical fiber
Storage temperature	Class: minus 20 C to 60 C
Operating temperature	Class: 0 C to 40 C

PARAMETER	VALUE
Humidity	Class: non condensing

MA9305A Specifications

PARAMETER	VALUE
Anritsu MA9305A Optical Power Sensor	Overview
Applications	Fiber optic absolute power measurement with Anritsu optical power meter hosts in manufacturing and laboratory environments.
Technical Specifications	Model: MA9305A

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	Class: minus 20 C to 60 C
Operating temperature	Class: 0 C to 40 C
Operating Temperature	Class: 0 C to 40 C
Humidity	Class: non condensing
Operating Temperature Class	0 C to 40 C
Storage Temperature Class	minus 20 C to 60 C
Humidity Class	non condensing
Calibration	wavelength calibrated power
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Linearity Class	calibrated linearity
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Cable	sensor interconnect cable
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Grounding	meter chassis reference
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Mass Class	handheld sensor head
Safety	optical eye safety practices
Compatibility	Anritsu ML/MU optical meters class
Input	optical fiber Notes Identity from Anritsu MA9305A Optical Power Sensor listings. Exact wavelength calibration points and power range are on the Anritsu sensor calibration certificate.

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

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.