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Data Sheet

August 14, 2026

ANRITSU

Anritsu MA9713A Optical Power Sensor

The Anritsu MA9713A is a long-wavelength optical power sensor used with Anritsu optical power meters such as the ML9001A family. Published Japanese OEM/reseller specification lines list wavelength 0.75 to 1.8 μm and measurement level range minus 40 to plus 26 dBm with FC connector adaptor (MP92B). High-level 1310/1550 nm optical power measurements requiring up to plus 26 dBm capability. Measurement Level Range: minus 40 to plus 26 dBm Interface To Meter: sensor connecting cord Operating Use: optical device and fiber power Series Family: MA97xx optical power sensors Measurement Modes Via Host: CW and modulated From published Anritsu ML9001A / MA9713A listing specifications (wavelength 0.75-1.8 μm , level -40 to +26 dBm, MP92B). Full accuracy/linearity footnotes belong on the MA9713A sensor table in the OEM ML9001A family datasheet revision covering this model.



MODEL Anritsu MA9713A	CALIBRATION Available on request
CONDITION Used	STATUS In stock
RFQ / SKU MA9713A	LISTING https://aumictechlabs.com/products/ma9713a-2/

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Anritsu MA9713A is an optical power sensor module designed to expand the functionality of Anritsu's optical spectrum analyzers and power meters. It enables detailed analysis of optical signals within a specific wavelength range, making it a crucial component for professionals in optical communications, research and development, and manufacturing environments. This module allows for precise measurement of optical power, contributing to the characterization and

validation of optical devices and systems. Technical Specifications * Wavelength Range: 0.75 μm to 1.8 μm (750 nm to 1800 nm) Compatibility: Designed for use with Anritsu Optical Spectrum Analyzers and Optical Power Meters. Specific compatibility details may vary by base unit model. Electrical Characteristics * Measurement Range: While specific dBm ranges for the MA9713A are not explicitly detailed, Anritsu optical power meters (e.g., ML9001A) often feature a wide measurement level range from -100 dBm to +20 dBm, with some sensors achieving sensitivity down to -100 dBm. Interfaces * Module Interface: Connects to compatible Anritsu optical analysis instruments. Specific connector types are not detailed for the module itself but would interface with the base unit. Physical Characteristics * Form Factor: Module designed for integration into Anritsu test and measurement systems. Specific dimensions and weight are not provided. Compatibility * Base Units: The Anritsu MA9713A is intended for use with Anritsu Optical Spectrum Analyzers and Optical Power Meters. For precise compatibility, consult the technical documentation or specifications of the intended base unit. Optical Connectors: While not specified for the MA9713A module itself, Anritsu power sensors often utilize interchangeable optical connectors to facilitate connection with various fiber types and connector types (e.g., FC connector mentioned for fiber adapters). Applications * Optical Communications: Essential for analyzing and verifying performance in fiber optic networks, including testing transceivers, optical amplifiers, and passive optical components. Research and Development: Supports the characterization of novel optical devices and systems. Manufacturing and Quality Control: Enables precise power measurements for ensuring the quality and reliability of optical components and finished products. Lab and Field Testing: Provides detailed optical signal analysis capabilities in various testing scenarios. Why Choose Aumictech for Anritsu MA9713A? At Aumictech, we specialize in supplying high-end optical test and measurement equipment. Whether you need precise optical power analysis, expanded spectrum analysis capabilities, or reliable optical signal characterization, our team ensures the Anritsu MA9713A delivers maximum performance for your application.

MA9713A Characteristics / Specifications

PARAMETER	VALUE
Wavelength Range	0.75 to 1.8 μ m
Measurement Level Range	minus 40 to plus 26 dBm
Connector Adaptor Example	MP92B FC
Host Meter Example	ML9001A
Instrument Type	optical power sensor
Wavelength Low	0.75 μ m
Wavelength High	1.8 μ m
Power Low	minus 40 dBm
Power High	plus 26 dBm
Dynamic Range Span	66 dB
Wavelength Band	750 to 1800 nm
Application Band	1310 and 1550 nm class
Form Factor	remote optical sensor head
Interface To Meter	sensor connecting cord
Calibration Path	meter wavelength sensitivity correction
Operating Use	optical device and fiber power
Manufacturer	Anritsu
Series Family	MA97xx optical power sensors
Related Sensors	MA9711A MA9712A MA9714B
Adaptor Family	MP92B
Display Path	via host meter
Units Via Host	W dBm dB
Gpib Path	via host meter
Measurement Modes Via Host	CW and modulated

MA9713A Specifications

PARAMETER	VALUE
Anritsu MA9713A Optical Power Sensor	Overview
Applications	High-level 1310/1550 nm optical power measurements requiring up to plus 26 dBm capability.
Key Features	0.75 to 1.8 um coverage
Minus 40 to plus 26 dBm level range	FC adaptor path with MP92B
Technical Specifications	Wavelength Range: 0.75 to 1.8 um

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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PARAMETER	VALUE
Wavelength Range	0.75 to 1.8 um
Measurement Level Range	minus 40 to plus 26 dBm
Connector Adaptor Example	MP92B FC
Host Meter Example	ML9001A
Instrument Type	optical power sensor
Wavelength Low	0.75 um
Wavelength High	1.8 um
Power Low	minus 40 dBm
Power High	plus 26 dBm
Dynamic Range Span	66 dB
Wavelength Band	750 to 1800 nm
Application Band	1310 and 1550 nm class
Form Factor	remote optical sensor head
Interface To Meter	sensor connecting cord
Calibration Path	meter wavelength sensitivity correction
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Manufacturer	Anritsu
Series Family	MA97xx optical power sensors
Related Sensors	MA9711A MA9712A MA9714B
Adaptor Family	MP92B
Display Path	via host meter
Units Via Host	W dBm dB
Gpib Path	via host meter
Measurement Modes Via Host	CW and modulated
Notes	
From published Anritsu ML9001A / MA9713A listing specifications (wavelength 0.75-1.8 um, level -40 to +26	

dBm, MP92B). Full accuracy/linearity footnotes belong on the MA9713A sensor table in the OEM ML9001A family datasheet revision covering this model.

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.