

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

ANRITSU

Anritsu MP0109A Overhead Analyzer Module

Storage Temperature Class: minus 20 C to 60 C Connectors: mainframe optical electrical interfaces Input: transport framed signal via mainframe Identity from Anritsu MP0109A Overhead Analyzer Module listings. Exact supported rates and overhead maps follow the Anritsu MP0109A datasheet. Connectors: mainframe optical electrical interfaces Input: transport framed signal via mainframe Identity from Anritsu MP0109A Overhead Analyzer Module listings. Exact supported rates and overhead maps follow the Anritsu MP0109A datasheet.



MODEL

Anritsu MP0109A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

MP0109A

LISTING

<https://aumictechlabs.com/products/mp0109a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Anritsu MP0109A is an Optical I/O Module designed for high-speed optical signal processing within Anritsu network analysis systems. This module is specifically engineered to enhance the capabilities of compatible Anritsu mainframes by providing advanced optical interface functionalities essential for testing and optimizing telecommunications networks. Its design focuses on ensuring accurate signal transmission and analysis, which is critical for reliable network performance verification in environments such as PDH/SDH system testing. Technical Specifications * Data Rates: Supports 155 Mb/s and 622 Mb/s. Optical Output: Features a 1310 nm Fabry-Perot laser output. Receiver: Equipped with a broadband receiver. * Compatible with 1310

nm and 1550 nm wavelengths. Performance Characteristics: * Low insertion loss. * High return loss. * Stable optical performance. Compatibility * Compatible Mainframes: * Anritsu MP1550A * Anritsu MP1552B * Anritsu MP1555B * Anritsu MP1570A Applications * Ideal for testing and optimizing PDH/SDH systems. Physical Characteristics * Module Type: Optical I/O Unit Interfaces * Optical Connector Type: While specific connector types are not detailed in the provided snippets, the module works with fiber optic interfaces. Quick Release Optical Connectors (e.g., Anritsu J14 / J06 Series) may be required and are sold separately. Documentation * Datasheets and operational manuals for the Anritsu MP0109A are available. Why Choose Aumictech for Anritsu MP0109A? At Aumictech, we specialize in supplying high-end network testing equipment. Whether you need to enhance PDH/SDH system testing capabilities, ensure accurate optical signal analysis, or achieve reliable network optimization, our team ensures the Anritsu MP0109A delivers maximum performance for your application.

MP0109A Characteristics / Specifications

PARAMETER	VALUE
Model	MP0109A
Instrument Type	overhead analyzer module
Manufacturer	Anritsu
Form Factor	Anritsu MP series plug-in
Host Mainframe	Anritsu transport analyzer class
Function	overhead byte analysis
Interface	mainframe backplane
Operating Temperature Class	0 C to 40 C
Storage Temperature Class	minus 20 C to 60 C
Humidity Class	non condensing
Power	mainframe powered
Cooling	mainframe airflow
Remote Control	GPIB via mainframe
Duty	continuous lab ATE
Display	mainframe UI
Grounding	mainframe chassis
Compatibility	Anritsu MP010x modules
Protocols Class	SONET SDH OTN overhead
Calibration	module firmware cal class
Connectors	mainframe optical electrical interfaces
Safety	instrument safety ground
Firmware	module revision controlled
Input	transport framed signal via mainframe
Storage temperature	Class: minus 20 C to 60 C
Operating temperature	Class: 0 C to 40 C

PARAMETER	VALUE
Humidity	Class: non condensing

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	Class: minus 20 C to 60 C
Operating temperature	Class: 0 C to 40 C
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Safety	instrument safety ground
Firmware	module revision controlled
Input	transport framed signal via mainframe Notes Identity from Anritsu MP0109A Overhead Analyzer Module listings. Exact supported rates and overhead maps follow the Anritsu MP0109A 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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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.