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Data Sheet

August 14, 2026

ANRITSU

Anritsu MU120010A Module " High-speed Data Module

The Anritsu MU120010A is a plug-in module in the Anritsu MU12xxxx modular instrument family for Anritsu transport/optical test platforms. OEM queue documentation identifies it as a real instrument module used in multi-slot Anritsu mainframes for specialized measurement functions. Modular Anritsu mainframe configurations, specialized transport/optical measurements, and automated production test racks. Instrument Type: Plug in measurement module Host Platform Class: Anritsu modular mainframe class Weight Class: Single slot module weight class Interface Standards Class: Anritsu module bus class Option Codes Class: Module option dependent class From Anritsu MU120010A modular instrument listings. Confirm exact measurement function and numeric limits on the module datasheet revision.



MODEL

**Anritsu
MU120010A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

MU120010A

LISTING

<https://aumictechlabs.com/products/mu120010a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Anritsu MU120010A is a high-speed data module for the MT1000A Network Master Pro Series mainframe, delivering multirate testing across 1.5 Mbps to 10 Gbps with support for advanced optical and mobile network protocols. This transport module enables protocol validation, signal integrity analysis, and field installation/maintenance across Ethernet, OTN, mobile

fronthaul/backhaul, SDH/SONET, PDH/DSn, and Fibre Channel networks. Technical Specifications

Data Rate Range: 1.5 Mbps to 10 Gbps Ethernet: Testing up to 100 Gbps with RFC 2544 and Y.1564 standards; Ethernet OAM to 100 Gbps; MPLS-TP and PBB to 10 Gbps OTN: OTU4 and multistage mapping; ODU0 and ODUFlex client signal testing Mobile Fronthaul: eCPRI/RoE (IEEE 1914.3) with BER and latency measurement; CPRI to 24.3302 Gbps; OBSAI to 6 Gbps; return delay time testing Mobile Backhaul: Synchronous Ethernet (SyncE) and PTP (IEEE 1588 v2) testing; SyncE to 25 GigE per ITU-T G.826x SDH/SONET: Testing to STM-64/OC-192 PDH/DSn: E1, E3, E4, DS1, DS3 support Fibre Channel: Up to 16 Gbps Interfaces: 2 × RJ48 Key Features Modular, field-installable design for MT1000A integration Intuitive GUI with SETUP/TEST/RESULTS windows and 9-inch display Frame Capture for rapid troubleshooting RFC 6349 TCP throughput testing to 10 Gbps PDF, CSV, and XML report generation WiFi/Bluetooth/LAN connectivity (option MT1000A-003) Typical Applications Network installation and maintenance across 5G, IoT, and high-speed digital systems Protocol validation in optical communication testing Signal integrity assessment in bandwidth-critical deployments Compatibility & Integration Designed exclusively for the Anritsu MT1000A Network Master Pro Series mainframe.

MU120010A Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Plug in measurement module
Series Family	MU120010A
Form Factor	Plug in module
Host Platform Class	Anritsu modular mainframe class
Remote Control	Via host GPIB LAN class
Power	Supplied by host
Operating Temperature Class	Laboratory host range class
Calibration	Module level calibration class
Export Classification Class	Commercial test module class
Warmup Class	Per host recommendation
Status Reporting	Host status system class
Connector Class	Application specific front panel class
Related Family	MU12xxxx modules
Use Case	Modular automated test
Form Factor Height Class	Single slot class
Display	Through host mainframe
Firmware	Host managed module firmware class
Safety Class	Per module safety marking class
Storage Class	Host setup memory class
Weight Class	Single slot module weight class
Primary Power Path	Host backplane power
Interface Standards Class	Anritsu module bus class
Operating temperature	Class: Laboratory host range class

MU120010A Specifications

PARAMETER	VALUE
Anritsu MU120010A Module	Overview
Technical Specifications	Instrument Type: Plug in measurement module
Notes	From Anritsu MU120010A modular instrument listings. Confirm exact measurement function and numeric limits on the module datasheet revision.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: Laboratory host range class
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Operating Temperature Class	Laboratory host range class
Calibration	Module level calibration class
Export Classification Class	Commercial test module class
Warmup Class	Per host recommendation
Status Reporting	Host status system class
Connector Class	Application specific front panel class
Related Family	MU12xxxx modules
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Safety Class	Per module safety marking class
Storage Class	Host setup memory class
Weight Class	Single slot module weight class
Primary Power Path	Host backplane power
Interface Standards Class	Anritsu module bus class

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

Specifications

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Instrument Type	Plug in measurement module
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Interface Standards Class	Anritsu module bus class

Option Codes Class: Module option dependent class

Notes

From Anritsu MU120010A modular instrument listings. Confirm exact measurement function and numeric limits on the module datasheet revision.

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.