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Data Sheet

August 14, 2026

ANRITSU

Anritsu MU100010A 10G Multirate Module, 10G For MT1000A Series Network Master Pro

Anritsu MU100010A 10G Multirate Transport Module The Anritsu MU100010A is the 10G multirate transport module for the MT1000A Network Master Pro, supporting Ethernet, OTN, Fibre Channel, CPRI/OBSAI, SDH/SONET, and PDH/DSn from about 1.5 Mbps to 10 Gbps with protocol options. OEM datasheets list dual SFP/SFP+ slots, dual RJ45, dual BNC 75 ohm, dual RJ48, and dual Bantam ports. Mobile fronthaul/backhaul commissioning, carrier Ethernet turn-up to 10G, and multi-rate transport troubleshooting in the field. The Anritsu MU100010A is the 10G multirate transport module for the MT1000A Network Master Pro, supporting Ethernet, OTN, Fibre Channel, CPRI/OBSAI, SDH/SONET, and PDH/DSn from about 1.5 Mbps to 10 Gbps with protocol options. OEM datasheets list dual SFP/SFP+ slots, dual RJ45, dual BNC 75 ohm, dual RJ48, and dual Bantam ports. Mobile fronthaul/backhaul commissioning, carrier Ethernet turn-up to 10G, and multi-rate transport troubleshooting in the field. Host Mainframe: MT1000A Network Master Pro Bit Rate Span Class: 1.5 Mbps to 10 Gbps with options



MODEL

**Anritsu
MU100010A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

MU100010A

LISTING

<https://aumictechlabs.com/products/mu100010a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Anritsu MU100010A is a multirate transport module for the MT1000A Series Network Master Pro, enabling installation and maintenance testing across diverse communication networks from 1.5 Mbps to 10 Gbps. This module delivers comprehensive protocol support including Ethernet, OTN, Fibre Channel, eCPRI, SDH/SONET, and MPLS-TP, making it essential for mobile fronthaul and backhaul, carrier access, and metro and core network commissioning. Two ports operate simultaneously across all supported rates and interfaces.

Technical Specifications

Speed Range: 1.5 Mbps to 10 Gbps

Supported Protocols: Ethernet (up to 100 Gbps), OTN (up to OTU4 with multistage mapping and ODU Flex), Fibre Channel (up to 16 Gbps), eCPRI/RoE/CPRI/OBSAI, SDH/SONET, PDH/DSn, Synchronous Ethernet (SyncE), PTP (IEEE 1588 v2), MPLS-TP and PBB (up to 10 Gbps)

Physical Interfaces: 2 × RJ48, 2 × BNC Tx/Rx, 2 × Bantam Tx/Rx, 2 × RJ45, 2 × SFP+

Key Features

- BER testing including CPRI/OBSAI interface, frame loss, and sequence error detection RFC 2544 and Y.1564
- Ethernet performance testing; RFC 6349 TCP throughput validation
- Ethernet OAM support up to 100 Gbps with traffic generation at full line rate
- Error and alarm detection, return delay time measurement, and link status monitoring
- Frame capture and simultaneous bidirectional monitoring with IP channel statistics
- OTN testing with client signals; eCPRI/IEEE1914.3 frame and latency testing
- CPRI/OBSAI L1 and L2 layer testing
- Service disruption measurements and Storage Area Networking (SAN) testing capability

Typical Applications

- Mobile fronthaul and backhaul commissioning and inspection
- Carrier access network deployment and troubleshooting
- Metro and core network commissioning and maintenance
- Multiprotocol transport validation across heterogeneous network environments

Compatibility & Integration

Host Platform: MT1000A Series Network Master Pro mainframe

Display: 9-inch (800 × 480 pixels) enhanced display with intuitive three-window GUI (SETUP, TEST, RESULTS)

Operating System: Linux with fast boot and stable operation

Remote Operation: Full multi-user remote access via MX100001A

Software Configuration: Requires protocol option(s) to enable specific test functionality

MU100010A Characteristics / Specifications

PARAMETER	VALUE
Host Mainframe	MT1000A Network Master Pro
Test Ports SFP SFP Plus	2 slots
Test Ports RJ	2 sockets
Test Ports BNC	2 ports 75 ohm
Test Ports Bantam	2 ports
Ethernet Copper	10/100/1000 Mbps
Bit Rate Span Class	1.5 Mbps to 10 Gbps with options
Protocol Families	Ethernet OTN FC CPRI OBSAI SDH SONET PDH DSn
Form Factor	MT1000A plug in transport module
Remote Operation Class	MX100001A multi user remote class
SyncE PTP Class	Supported with options
RFC2544 Y1564 Class	Supported with Ethernet options
Operating Temperature Class	Field handheld mainframe range class
Power	Supplied by MT1000A
Series Family	MU100010A
Calibration	Module level transport calibration class
Manufacturer	Anritsu
Operating temperature	Class: Field handheld mainframe range class

MU100010A Specifications

PARAMETER	VALUE
Anritsu MU100010A 10G Multirate Transport Module	Overview
Applications	Mobile fronthaul/backhaul commissioning, carrier Ethernet turn-up to 10G, and multi-rate transport troubleshooting in the field.
Key Features	10G multirate transport testing
CPRI OBSAI eCPRI RoE options	Installs in MT1000A mainframe
Technical Specifications	Host Mainframe: MT1000A Network Master Pro
Notes	From Anritsu Network Master Pro MT1000A data sheet MU100010A 10G Multirate Module specifications.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: Field handheld mainframe range class
Operating Temperature	Class: Field handheld mainframe range class
Operating Temperature Class	Field handheld mainframe range class
Power	Supplied by MT1000A
Series Family	MU100010A
Calibration	Module level transport calibration class
Manufacturer	Anritsu Notes From Anritsu Network Master Pro MT1000A data sheet MU100010A 10G Multirate Module specifications.

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

PARAMETER	VALUE
Host Mainframe	MT1000A Network Master Pro
Test Ports SFP SFP Plus	2 slots
Test Ports RJ45	2 sockets
Test Ports BNC	2 ports 75 ohm
Test Ports RJ48	2 sockets
Test Ports Bantam	2 ports
Ethernet Copper	10/100/1000 Mbps
Bit Rate Span Class	1.5 Mbps to 10 Gbps with options
Protocol Families	Ethernet OTN FC CPRI OBSAI SDH SONET PDH DSn

Option Example Ethernet 10G: MU100010A 011/012

Option Example OTN 10G: MU100010A 051/052

Option Example STM64 OC192: MU100010A 081/082

Option Example FC 8G 10G: MU100010A 091/092

Specifications

PARAMETER	VALUE
Form Factor	MT1000A plug in transport module
Remote Operation Class	MX100001A multi user remote class
SyncE PTP Class	Supported with options
RFC2544 Y1564 Class	Supported with Ethernet options
Operating Temperature Class	Field handheld mainframe range class
Power	Supplied by MT1000A
Series Family	MU100010A
Calibration	Module level transport calibration class
Manufacturer	Anritsu

Notes

From Anritsu Network Master Pro MT1000A data sheet MU100010A 10G Multirate Module specifications.

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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30-day returns
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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.