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Data Sheet

August 14, 2026

ANRITSU

Anritsu MU100011A 100G Multirate Module, 100G For MT1000A Series Network Master Pro

Anritsu MU100011A 100G Multirate Transport Module The Anritsu MU100011A is the higher-rate multirate transport module for the MT1000A Network Master Pro covering approximately 10 Mbps to 100 Gbps class transport testing with Ethernet/OTN/FC and CPRI option families. OEM MT1000A literature positions MU100011A alongside MU100010A for 100G commissioning and troubleshooting. 100G Ethernet/OTN turn-up, high-rate metro/core transport tests, and field multi-rate validation in MT1000A. Host Mainframe: MT1000A Network Master Pro The Anritsu MU100011A is the higher-rate multirate transport module for the MT1000A Network Master Pro covering approximately 10 Mbps to 100 Gbps class transport testing with Ethernet/OTN/FC and CPRI option families. OEM MT1000A literature positions MU100011A alongside MU100010A for 100G commissioning and troubleshooting. 100G Ethernet/OTN turn-up, high-rate metro/core transport tests, and field multi-rate validation in MT1000A. Host Mainframe: MT1000A Network Master Pro Instrument Type: 100G class multirate transport module



MODEL

**Anritsu
MU100011A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

MU100011A

LISTING

<https://aumictechlabs.com/products/mu100011a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Anritsu MU100011A is a 100 Gbps multirate module engineered for the MT1000A Series Network Master Pro mainframe. This module extends testing capabilities across speeds from 10 Mbps to 100 Gbps, supporting Ethernet, OTN, Fibre Channel, SDH/SONET, CPRI/OBSAI, and mobile fronthaul/backhaul technologies. Deployed in field and laboratory environments, it delivers layer 2–7 analysis, performance verification per RFC 2544, Y.1564, and RFC 6349 standards, plus timing and synchronization validation via PTP (IEEE 1588 v2). Technical Specifications

Speed Range 10 Mbps to 100 Gbps Optical and Electrical Interfaces 1 × Tx/Rx CFP4 2 × Tx/Rx SFP/SFP+/SFP28 1 × Tx/Rx QSFP+/QSFP28 2 × Tx/Rx RJ45 (electrical) 1 × Synchronous Clock Output Capture Buffer 1 MByte to 128 MByte (10 Mbps, 100 Mbps, 1 Gbps, 10 Gbps) 512 kbytes (25 Gbps, 40 Gbps, 100 Gbps) Timestamp resolution: 100 ns Capture frame slicing: first 64 or 128 bytes per frame Trigger modes: manual, on error, field match Error detection: fragmented, oversize, undersized frames; FCS errors Key Features Ethernet Testing Up to 100 Gbps, including 25 Gbps and 100 Gbps standards 25GigE and 100GigE RS-FEC support RFC 2544, Y.1564, and RFC 6349 (up to 10 Gbps) compliance testing Optical Transport Network (OTN) OTU4 and lower rate support Multistage mapping and ODUflex testing Flexible client-signal bandwidth allocation Mobile Fronthaul/Backhaul CPRI/OBSAI up to 6.144 Gbps eCPRI and IEEE 1914.3 frame testing High-resolution latency measurement Synchronous Ethernet (SyncE) and PTP analysis BER testing, error/alarm detection, return delay validation Fibre Channel 1 Gbps to 16 Gbps rates Compatibility & Integration The MU100011A integrates with the MT1000A mainframe. Optional GPS receiver (G0325A) enables one-way latency measurements in Ethernet tests; MU100090B provides reference timing support.

MU100011A Characteristics / Specifications

PARAMETER	VALUE
Host Mainframe	MT1000A Network Master Pro
Instrument Type	100G class multirate transport module
Bit Rate Span Class	10 Mbps to 100 Gbps class with options
Series Family	MU100011A
Related Lower Rate Module	MU100010A
Form Factor	MT1000A plug in module
Protocol Families Class	Ethernet OTN Fibre Channel CPRI OBSAI class
Remote Operation Class	MX100001A software class
Test Port Class	Pluggable optics and electrical ports 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
Warmup Class	Per MT1000A recommendation
Calibration	Module level transport calibration class
Export Classification Class	Commercial transport tester class
Frame Capture Class	Supported for troubleshooting class
Multi User Access	Independent port access class
Manufacturer	Anritsu
Operating temperature	Class: Field handheld mainframe range class

MU100011A Specifications

PARAMETER	VALUE
Anritsu MU100011A 100G Multirate Transport Module	Overview
Applications	100G Ethernet/OTN turn-up, high-rate metro/core transport tests, and field multi-rate validation in MT1000A.
Key Features	Up to 100G class multirate testing
Technical Specifications	Host Mainframe: MT1000A Network Master Pro
Notes	From Anritsu MT1000A Network Master Pro data sheet option tables for MU100011A. Confirm exact optics cages on the module faceplate.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: Field handheld mainframe range class
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Power	Supplied by MT1000A
Warmup Class	Per MT1000A recommendation
Calibration	Module level transport calibration class
Export Classification Class	Commercial transport tester class
Frame Capture Class	Supported for troubleshooting class
Multi User Access	Independent port access class
Manufacturer	Anritsu Notes From Anritsu MT1000A Network Master Pro data sheet option tables for MU100011A. Confirm exact optics cages on the module faceplate.

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
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Bit Rate Span Class	10 Mbps to 100 Gbps class with options
Series Family	MU100011A
Related Lower Rate Module	MU100010A
Form Factor	MT1000A plug in module
Protocol Families Class	Ethernet OTN Fibre Channel CPRI OBSAI class
Option Example Up To 10G: MU100011A 001/003	
Option Example FC Up To 10G: MU100011A 004/005	
Option Example CPRI To 10G: MU100011A 071/072	
Specifications	
PARAMETER	VALUE
Remote Operation Class	MX100001A software class
Test Port Class	Pluggable optics and electrical ports class
SyncE PTP Class	Supported with options
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Manufacturer	Anritsu

Notes

From Anritsu MT1000A Network Master Pro data sheet option tables for MU100011A. Confirm exact optics cages on the module faceplate.

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.