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Data Sheet

August 14, 2026

ANRITSU

Anritsu MU110010A – Multirate Module 10G

Anritsu MU110010A 10G Multirate Module for MT1100A Network Master Flex The Anritsu MU110010A is a two port 10G multirate transport test module for the MT1100A Network Master Flex. OEM MT1100A datasheet lists SFP/SFP+ RJ45 BNC RJ48 and RTT Bantam dual ports covering OTN Ethernet SDH/SONET Fibre Channel PDH/DSn and CPRI/OBSAI from 1.5 Mbps class to 10 Gbps. Field and lab BER throughput and mapping tests on metro/core 10G transport, Ethernet, FC SAN, and CPRI/OBSAI radio links. OTN Ethernet SDH/SONET FC PDH/DSn CPRI/OBSAI in one module The Anritsu MU110010A is a two port 10G multirate transport test module for the MT1100A Network Master Flex. OEM MT1100A datasheet lists SFP/SFP+ RJ45 BNC RJ48 and RTT Bantam dual ports covering OTN Ethernet SDH/SONET Fibre Channel PDH/DSn and CPRI/OBSAI from 1.5 Mbps class to 10 Gbps. Field and lab BER throughput and mapping tests on metro/core 10G transport, Ethernet, FC SAN, and CPRI/OBSAI radio links. OTN Ethernet SDH/SONET FC PDH/DSn CPRI/OBSAI in one module SFP/SFP+ plus electrical PDH/DSn connectors



MODEL

**Anritsu
MU110010A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

MU110010A

LISTING

<https://aumictechlabs.com/products/mu110010a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Anritsu MU110010A is a multirate module engineered for high-speed network interface and system testing up to 10 Gbps. Installed within the MT1100A Network Master Flex mainframe, this

module delivers in-service and out-of-service transmission quality measurements across multiple protocols and physical interfaces. It supports OTN, Ethernet, SDH/SONET, PDH/DSn, Fibre Channel, eCPRI/RoE/CPRI/OBSAI, Synchronous Ethernet, PTP (IEEE 1588 v2), and TCP throughput testing per RFC 6349. The module handles data rates from 1.5 Mbps to 10 Gbps, with dual-channel configurations supporting up to 2.7 Gbps and single/dual channels up to 10 Gbps. Technical Specifications Data Rate Range: 1.5 Mbps to 10 Gbps; dual-channel operation up to 2.7 Gbps; single or dual channels up to 10 Gbps Port Configuration: Two ports for all rates and interfaces Physical Connectors: RJ48, BNC Tx/Rx, Bantam Tx/Rx, RJ45, SFP/SFP+; CFP and QSFP+ supported via related modules Supported Protocols: OTN (including OTU4 and multistage mapping), Ethernet, SDH/SONET, PDH/DSn, Fibre Channel, eCPRI/RoE (IEEE 1914.3), CPRI/OBSAI, SyncE, PTP, TCP throughput, mobile fronthaul/backhaul, carrier access, metro/core networks Key Features Bit Error Rate (BER) testing across OTN, Ethernet, SDH/SONET, PDH/DSn, and Fibre Channel RFC 2544 and Y.1564 Ethernet compliance testing TCP throughput tests to 10 Gbps per RFC 6349 eCPRI/RoE frame BER and latency measurements CPRI/OBSAI interface BER validation ODU multiplexing and ODU Flex support Throughput and latency measurements Link status monitoring and error/alarm detection Return Delay Time characterization Frame capture for real-time troubleshooting Simultaneous multi-user remote operation via MX100001A software Typical Applications Mobile fronthaul and backhaul commissioning Carrier access network commissioning and maintenance Metro and core network testing Manufacturing and field validation Research and development Compatibility & Integration The MU110010A installs directly into the MT1100A Network Master Flex mainframe and operates alongside complementary modules including the MU110011A (100G Multirate Module) and MU110012A (40/100G Module). The MT1100A mainframe accepts power from the MU110001A (Battery and AC Supply) or MU110002A (AC-only High Power Supply).

MU110010A Characteristics / Specifications

PARAMETER	VALUE
Model	MU110010A
Host Mainframe	MT1100A Network Master Flex
SFP SFP Plus Ports	2 ports SFF 8431 SFF 8472 IEEE 802.3ae 2002 IEEE 802.3 2008
RJ45 Ports	2 ports 10BASE T 100BASE TX 1000BASETAuto MDIXBNC Ports: 2 ports ITUTG.703
RJ48 Ports	2 ports ITUTG.703
RTT Bantam Ports	2 ports ANSI DS1.102
Ethernet Electrical Rates	10 Mbps 100 Mbps full/half duplex 1000 Mbps full duplex
STM 1 OC 3 Bit Rate	155.52 Mbps SFP
STM 4 OC 12 Bit Rate	622.08 Mbps SFP
STM 16 OC 48 Bit Rate	2.48832 Gbps SFP
STM 64 OC 192 Bit Rate	9.95328 Gbps SFP plus
OTU1 Bit Rate	2.666057143 Gbps SFP
OTU2 Bit Rate	10.70922532 Gbps SFP plus
OTU1e Bit Rate	11.04910714 Gbps SFP plus
OTU2e Bit Rate	11.09572785 Gbps SFP plus
Ethernet 10GBASE XX Bit Rate	10.3125 Gbps SFP plus
FC Rates	1.0625 2.125 4.25 8.5 10.51875 Gbps
CPRI Option 1 Bit Rate	614.4 Mbps
CPRI Option 7 Bit Rate	9830.4 Mbps
CPRI Option 8 Bit Rate	10137.6 Mbps
Mainframe Display Class	12.1 inch 800 × 600 touchscreen on MT1100A

MU110010A Specifications

PARAMETER	VALUE
Applications	Field and lab BER throughput and mapping tests on metro/core 10G transport, Ethernet, FC SAN, and CPRI/OBSAI radio links.
In service and out of service transmission quality tests	Combinable with 100G modules in MT1100A
Technical Specifications	Model: MU110010A

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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Model	MU110010A
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Ethernet 10GBASE XX Bit Rate	10.3125 Gbps SFP plus
FC Rates	1.0625 2.125 4.25 8.5 10.51875 Gbps
CPRI Option 1 Bit Rate	614.4 Mbps
CPRI Option 7 Bit Rate	9830.4 Mbps
CPRI Option 8 Bit Rate	10137.6 Mbps
Option 001: Up to 2.7G Dual Channel	
Option 011/012: Ethernet 10G Single/Dual Channel	
Option 051/052: OTN 10G Single/Dual Channel	
Mainframe Display Class: 12.1 inch 800 x 600 touchscreen on MT1100A	
Notes	
From Anritsu Network Master Flex MT1100A datasheet MU110010A port, bit rate, and option tables. Installed protocol options determine enabled rates.	

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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NIST-traceable calibration · SAM registered ·
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.