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Data Sheet

August 13, 2026

ANRITSU

Anritsu MU150000A 2.5G/10G For MP1570A Analyzer

Anritsu MU150000A 2.5G/10G Unit for MP1570A The Anritsu MU150000A is a plug-in 2.5G/10G electrical interface unit for the Anritsu MP1570A SONET/SDH/PDH/ATM Analyzer. It extends the MP1570A platform for high-speed transmission testing at NRZ 2488.320 Mb/s and 9953.28 Mb/s with SMA 50 ohm data/clock I/O. Typical 10G configurations use slots 4/5. Option MU150000A-01 adds frame memory capture for 2.5G/10G. SONET/SDH 2.5G and 10G electrical interface test; MP1570A high-speed transmission verification; production and lab BER/frame analysis at OC-48/STM-16 and OC-192/STM-64 class rates; frame memory capture workflows with Option 01. The Anritsu MU150000A is a plug-in 2.5G/10G electrical interface unit for the Anritsu MP1570A SONET/SDH/PDH/ATM Analyzer. It extends the MP1570A platform for high-speed transmission testing at NRZ 2488.320 Mb/s and 9953.28 Mb/s with SMA 50 ohm data/clock I/O. Typical 10G configurations use slots 4/5. Option MU150000A-01 adds frame memory capture for 2.5G/10G. SONET/SDH 2.5G and 10G electrical interface test; MP1570A high-speed transmission verification; production and lab BER/frame analysis at OC-48/STM-16 and OC-192/STM-64 class rates; frame memory capture workflows with Option 01.



MODEL

**Anritsu
MU150000A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

MU150000A

LISTING

<https://aumictechlabs.com/products/mu150000a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Anritsu MU150000A is a 2.5G/10G interface module designed for integration into the MP1570A analyzer platform. This modular card provides electrical connectivity and signal conditioning for testing 2.5 Gbps and 10 Gbps network interfaces across telecommunications and data networking applications. The module operates with NRZ signaling and installs in slot 4/5 of the MP1570A mainframe, enabling construction of specialized analysis systems tailored to specific test requirements.

Technical Specifications

Electrical Interface

Bit rates: 2488.32 Mbit/s (2.5G) and 9953.28 Mbit/s (10G) Signaling: NRZ (Non-Return-to-Zero) Transmit data level: 0 to –0.2 V (high), –0.85 to –1.4 V (low) Transmit clock level: 0 to –0.2 V (high), –0.85 to –1.3 V (low) Receive data level: 0.65 to 1.4 Vp-p Receive clock level: 0.65 to 1.3 Vp-p Transmit data output: 2488.32 / 9953.28 Mbit/s, 0.65 to 1.4 Vp-p (SMA 50 Ω) Transmit clock output: 2488.32 / 9953.28 Mbit/s, 0.65 to 1.4 Vp-p (SMA 50 Ω) 10G clock input: 9953.28 MHz, 0.6 to 1.0 Vp-p All electrical connectors: SMA 50 Ω Auxiliary Interfaces External clock input Internal clock output Receive clock output 156M sync output

Key Features

Dual-rate operation supports both 2.5 Gbps and 10 Gbps testing without module swap NRZ signal conditioning optimized for high-speed digital interfaces Flexible clocking options including external clock input and internal/receive clock outputs 50 Ω impedance matching across all signal paths ensures signal integrity

Compatibility & Integration

Designed exclusively for Anritsu MP1570A analyzer Installs in slot 4/5 of MP1570A mainframe Integrates within MP1570A modular architecture for flexible test system configuration

MU150000A Characteristics / Specifications

PARAMETER	VALUE
Model	MU150000A
Manufacturer	Anritsu
Instrument Type	2.5G/10G electrical plug-in unit
Host Platform	MP1570A SONET/SDH/PDH/ATM Analyzer
Supported Bit Rate Low	2488.320 Mb/s
Supported Bit Rate High	9953.28 Mb/s
Signal Format	NRZ
Electrical Transmit Output Level	0/-1 V +/-0.3 V
Electrical Receive Input Level	1 V(p-p) +/-0.3 V
Electrical I/O Connectors	SMA, 50 ohm, data and clock
External Clock Input	Yes (auxiliary)
Internal Clock Output	Yes (auxiliary)
Receive Clock Output	Yes (auxiliary) 156M Sync Output: Yes (auxiliary)
Error Output	Yes (auxiliary)
Typical Slot Assignment	Slot 4/5 in typical 10G configurations
Unit Type	2.5G/10G Unit
Alias	MU150000A; Anritsu MU150000A
Application Domain	SONET/SDH/PDH/ATM high-speed electrical test
Platform Bit Rate Span Class	MP1570A about 1.5 Mb/s to 10 Gb/s with plug-ins Notes Specs from Anritsu MU150000A / MP1570A configuration tables and reseller technical listings. Confirm installed Option 01 and slot population in the MP1570A mainframe.
Auxiliary	external clock in, internal clock out, receive clock out, 156M sync, error out
Typical slot use	Slot 4/5 in 10G configurations
Option 01	frame memory capture for 2.5G/10G

MU150000A Specifications

PARAMETER	VALUE
Anritsu MU150000A 2.5G/10G Unit for MP1570A	Overview
Key Features	- Plug-in for MP1570A analyzer
Technical Specifications	Model: MU150000A

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
Model	MU150000A
Manufacturer	Anritsu
Instrument Type	2.5G/10G electrical plug-in unit

Specifications

PARAMETER	VALUE
Host Platform	MP1570A SONET/SDH/PDH/ATM Analyzer
Supported Bit Rate Low	2488.320 Mb/s
Supported Bit Rate High	9953.28 Mb/s

Specifications

PARAMETER	VALUE
Signal Format	NRZ
Electrical Transmit Output Level	0/-1 V +/-0.3 V
Electrical Receive Input Level	1 V(p-p) +/-0.3 V

Specifications

PARAMETER	VALUE
Electrical I/O Connectors	SMA, 50 ohm, data and clock
External Clock Input	Yes (auxiliary)
Internal Clock Output	Yes (auxiliary)

Receive Clock Output: Yes (auxiliary)

156M Sync Output: Yes (auxiliary)

Error Output: Yes (auxiliary)

Typical Slot Assignment: Slot 4/5 in typical 10G configurations

Option 01: MU150000A-01 frame memory capture for 2.5G/10G

Specifications

PARAMETER	VALUE
Unit Type	2.5G/10G Unit
Alias	MU150000A; Anritsu MU150000A
Application Domain	SONET/SDH/PDH/ATM high-speed electrical test

Platform Bit Rate Span Class: MP1570A about 1.5 Mb/s to 10 Gb/s with plug-ins

Notes

Specs from Anritsu MU150000A / MP1570A configuration tables and reseller technical listings. Confirm installed Option 01 and slot population in the MP1570A mainframe.

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 ·
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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.