

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

ANRITSU

Anritsu MU150010A 10G SDH/SONET Module

The Anritsu MU150010A is an optical plug-in module in the MU1500xx family for Anritsu optical test mainframes, providing optical transmit/receive functions for high-speed optical component and transceiver evaluation. OEM naming groups it with MU150008A and related optical I/O modules. Optical component verification, transceiver stress testing, and modular optical BERT setups. Host Platform Class: Anritsu optical test mainframe class Primary Function: Optical interface testing Status Reporting: Host status system class Form Factor Height Class: Single slot class Attenuation Control Class: Optional optical level control class From Anritsu MU150010A optical module family listings. Confirm exact rate and wavelength options on the module datasheet.



MODEL

**Anritsu
MU150010A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

MU150010A

LISTING

<https://aumictechlabs.com/products/mu150010a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Anritsu MU150010A is a 2.5G optical unit designed for use with Anritsu communication analyzers, specifically compatible with the MP1570A series. This unit enhances the analytical capabilities of these instruments, enabling precise measurements in optical communication testing scenarios. It is engineered to support various testing, maintenance, and inspection applications within SONET, SDH, PDH, and ATM equipment and networks. Technical Specifications * Bit Rate: 2488.32 Mbit/s (NRZ) Optical Output: * Wavelength: 1310/1550 nm *

Output Level: -4 dBm $\pm$ 3 dB * Safety Standards: IEC825-1 Class 3A, 21CFR1040.10 Class IIIb * Connector: FC-PC (SM-F) Optical Input: * Measurement Power Range: -30 to -9 dBm (peak power) * Measurement Accuracy: $\leq \pm 2$ dB (at -20 dBm) * Linearity: $\leq \pm 2$ dB (from -30 to -9 dBm) * Sensitivity: * -28 to -9 dBm (BER 10^{-10} , NARROW) * -27 to -9 dBm (BER 10^{-10}) * -20 to -9 dBm (BER 10^{-10} , WIDE) * Connector: FC-PC (SM-F) Electrical Output: * Type: NRZ (Send/Receive) * Level: ECL (-2V) * Connector: SMA (50 ohm) Monitor Output: * Level: 0.1 to 1.0 Vp-p (AC) * Connector: SMA (50 ohm) Auxiliary Interface: * External Clock Input * Receive Clock Output * Sync. Output Compatibility * Primary Compatibility: Anritsu MP1570A series communication analyzers Physical Characteristics * Appearance: Generally described as used, with potential for cosmetic wear but fully operational. Some listings indicate 80%-99% new appearance. Accessories (May Vary by Seller) * Remote interlock cable SMB-open Optical output control key Optical attenuator (15 dB) Manual Remote interlock cable Optical ATT (15dB) Why Choose Aumictech for Anritsu MU150010A? At Aumictech, we specialize in supplying test and measurement equipment. Whether you need to enhance your optical network analysis, ensure precise signal integrity, or expand the capabilities of your existing Anritsu analyzer setup, our team ensures the Anritsu MU150010A delivers maximum performance for your application.

MU150010A Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Optical plug in module
Series Family	MU150010A
Form Factor	Plug in optical module
Host Platform Class	Anritsu optical test mainframe class
Primary Function	Optical interface testing
Fiber Type Class	Single mode class
Connector Class	Optical connector adapter class
Remote Control	Via host
Power	Supplied by host
Operating Temperature Class	Laboratory host range class
Wavelength Class	TelecomOCLband class
Calibration	Optical module calibration class
Export Classification Class	Commercial optical module class
Warmup Class	Per host recommendation
Related Modules	MU150001B MU150008A class
Bit Rate Class	Host dependent optical rate class
Output Power Class	Module source level class
Input Power Range Class	Module receiver range class
Status Reporting	Host status system class
Use Case	Transceiver and component test
Form Factor Height Class	Single slot class
Attenuation Control Class	Optional optical level control class
Attenuation	Control Class: Optional optical level control class
Operating temperature	Class: Laboratory host range class
Fiber type	Class: Single mode class

MU150010A Specifications

PARAMETER	VALUE
Anritsu MU150010A Optical Module	Overview
Optical TX RX module	MU1500xx family member
Technical Specifications	Instrument Type: Optical plug in module
Notes	From Anritsu MU150010A optical module family listings. Confirm exact rate and wavelength options on the module datasheet.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: Laboratory host range class
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Wavelength Class	TelecomOCLband class
Calibration	Optical module calibration class
Export Classification Class	Commercial optical module class
Warmup Class	Per host recommendation
Related Modules	MU150001B MU150008A class
Bit Rate Class	Host dependent optical rate class
Output Power Class	Module source level class
Input Power Range Class	Module receiver range class
Status Reporting	Host status system class
Use Case	Transceiver and component test
Form Factor Height Class	Single slot class
Attenuation Control Class	Optional optical level control class Notes From Anritsu MU150010A optical module family listings. Confirm exact rate and wavelength options on the module datasheet.

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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Notes	
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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.