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Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

ANRITSU

Anritsu MU150008A SDH/SONET Module

The Anritsu MU150008A is an optical plug-in module in the MU1500xx series for Anritsu optical/BERT platforms. OEM module inventories list MU150008A among optical interface modules used for calibrated optical stimulus and detection in high-speed optical test systems. Optical BERT optical I/O, transceiver evaluation, and modular optical test configurations. Host Platform Class: Anritsu optical / BERT mainframe class Primary Function: Optical TX RX interface Form Factor Height Class: Single slot class Attenuation Control Class: Optional optical level control class Safety Class: Laser safety per module class From Anritsu MU150008A optical module family listings. Confirm laser class, wavelength, and rate on the module datasheet.



MODEL

**Anritsu
MU150008A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

MU150008A

LISTING

<https://aumictechlabs.com/products/mu150008a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Anritsu MU150008A is a 2.5G optical test module designed to work with the Anritsu MP1570A platform. It is specifically utilized for evaluating optical devices and systems within the 2.5 Gbps range, operating at a wavelength of 1.31 μm . This module is part of a suite of plug-in units that enhance the capabilities of the MP1570A, enabling comprehensive analysis of SONET, SDH, PDH, and ATM equipment and networks. Technical Specifications * Product Type: Optical Test Module Compatibility: Anritsu MP1570A / MP1570A1 platform Data Rate: 2.5 Gbps Wavelength: 1.31 μm

Supported Standards: Conforms to ITU-T Recommendations G.703 and G.958 for bit rates including 2,488.320 Mbps (2.5 Gbps) Interfaces: * Optical Interface (1.31 μm) * Electrical Interfaces: Supports B3ZS (ANSI T1.102) and CMI Measurement Capabilities: * Enables evaluation of optical devices and systems at 2.5 Gbps. * Contributes to SONET/SDH analysis when used with the MP1570A platform. * When used in conjunction with other modules like the MP1580A and MU150000A, it can facilitate jitter and wander measurements for SONET/SDH signals. Electrical Specifications * Bit Rates Supported (as part of the MP1570A platform): 51.840, 155.520, 622.080, 2488.320, 9953.28 Mb/s. Specific to MU150008A: 2.5 Gbps (optical) Electrical Interface Options: B3ZS (electrical: B3ZS) at 52 Mbps as per ANSI T1.102, 0/450 ft; CMI at 156 Mbps. Interfaces * Optical: 1.31 μm wavelength. Electrical: 52M (electrical: B3ZS) Coaxial Cable: Includes 2 $\times$ 20 cm coaxial cables (AA-165-200) for connectivity. Physical Characteristics * Form Factor: Module designed for plug-in into the Anritsu MP1570A main frame. Dimensions: Specific physical dimensions are not detailed in the provided search results. Compatibility * Primary Host: Anritsu MP1570A / MP1570A1 Associated with: Part of the analysis system for SONET, SDH, PDH, and ATM equipment and networks when integrated with the MP1570A. Synergistic Modules: Can be used with the MP1580A and MU150000A for advanced jitter and wander analysis. Why Choose Aumictech for Anritsu MU150008A? At Aumictech, we specialize in supplying test and measurement equipment. Whether you need precise optical analysis, reliable SONET/SDH testing, or integrated jitter and wander measurements, our team ensures the Anritsu MU150008A delivers maximum performance for your application.

MU150008A Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Optical plug in module
Series Family	MU150008A
Form Factor	Plug in optical module
Host Platform Class	Anritsu optical / BERT mainframe class
Primary Function	Optical TX RX interface
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	Telecom wavelength class
Calibration	Optical module calibration class
Export Classification Class	Commercial optical module class
Warmup Class	Per host recommendation
Related Modules	MU150001B MU150010A 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	Optical interface testing
Form Factor Height Class	Single slot class
Attenuation Control Class	Optional optical level control class
Safety Class	Laser safety per module class
Attenuation	Control Class: Optional optical level control class
Operating temperature	Class: Laboratory host range class

PARAMETER	VALUE
Fiber type	Class: Single mode class

MU150008A Specifications

PARAMETER	VALUE
Anritsu MU150008A Optical Module	Overview
Optical plug in module	MU1500xx series
Technical Specifications	Instrument Type: Optical plug in module
Notes	From Anritsu MU150008A optical module family listings. Confirm laser class, wavelength, and rate on the module datasheet.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: Laboratory host range class
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Operating Temperature Class	Laboratory host range class
Wavelength Class	Telecom wavelength class
Calibration	Optical module calibration class
Export Classification Class	Commercial optical module class
Warmup Class	Per host recommendation
Related Modules	MU150001B MU150010A class
Bit Rate Class	Host dependent optical rate class
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Status Reporting	Host status system class
Use Case	Optical interface testing
Form Factor Height Class	Single slot class
Attenuation Control Class	Optional optical level control class
Safety Class	Laser safety per module class Notes From Anritsu MU150008A optical module family listings. Confirm laser class, wavelength, and rate 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	
Specifications	
PARAMETER	VALUE
Instrument Type	Optical plug in module
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Form Factor Height Class	Single slot class
Attenuation Control Class	Optional optical level control class
Safety Class	Laser safety per module class
Notes	
From Anritsu MU150008A optical module family listings. Confirm laser class, wavelength, and rate on the module datasheet.	

Laser Safety

Laser safety per module class Notes From Anritsu MU150008A optical module family listings. Confirm laser class, wavelength, and rate on the module datasheet.

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.