

**Aumictech**

Test &amp; measurement · bought, sold, repaired, calibrated

**Data Sheet**

August 14, 2026

ANRITSU

## Anritsu MU150001B SDH/SONET Module

The Anritsu MU150001B is an optical plug-in module in the Anritsu MU1500xx modular optical test family used with Anritsu optical transport/BERT platforms for optical interface testing. OEM module naming places MU150001B among optical I/O modules providing calibrated optical TX/RX paths for high-speed optical validation. Optical transceiver testing, optical BERT interfaces, and modular optical I/O in Anritsu optical platforms. Host Platform Class: Anritsu optical / BERT mainframe class Primary Function: Optical interface TX RX Output Power Class: Module source level class Impedance Class: Optical fiber path class Form Factor Height Class: Single slot class From Anritsu MU150001B optical module family listings. Confirm wavelength, rate, and connector type on the module datasheet.



MODEL

**Anritsu  
MU150001B**

CALIBRATION

**Available on  
request**

CONDITION

**Used**

STATUS

**In stock**

RFQ / SKU

**MU150001B**

LISTING

<https://aumictechlabs.com/products/mu150001b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

### This unit

The Anritsu MU150001B is an Optical 10G Tx (1.55) Unit, designed to enhance the capabilities of compatible Anritsu network analyzers. This module likely integrates with Anritsu's test and measurement equipment to provide specialized optical transmission testing at 10 Gbps. Its primary function is to generate optical signals for testing purposes within network infrastructure, telecommunications, and high-speed digital systems. Technical Specifications \* Product Name: MU150001B Description: Optical 10G Tx (1.55) Unit Optical Output Wavelength: 10G-1550 nm band

Optical Output Level:  $-4 \text{ dBm} \pm 3 \text{ dB}$  Optical Output Connector: FC-PC (SM-F) Bit Rate Options: \* 9953.28 Mbit/s \* 2488.32 Mbit/s Electrical Data Input: \* High: 0 to  $-0.2 \text{ V}$  \* Low:  $-0.85$  to  $-1.4 \text{ V}$  Electrical Clock Input: \* High: 0 to  $-0.2 \text{ V}$  \* Low:  $-0.85$  to  $-1.3 \text{ V}$  Electrical Connector: SMA 50  $\Omega$  Optical Output Safety: IEC825-1 Class 3A, 21CFR1040.10 Class IIIb Compatibility The Anritsu MU150001B is designed as a module for Anritsu network analyzers. Specific compatible Anritsu mainframes or platforms would be detailed in the product's official documentation. Based on related products, it is likely compatible with Anritsu's MP1570A or other Anritsu signal quality analyzers or network testers that support modular expansion for optical testing. Anritsu's technical support resources, including manuals and product brochures, are available for identifying specific compatibility details. Applications The Anritsu MU150001B Optical 10G Tx (1.55) Unit is suitable for applications requiring precise optical signal generation at 10 Gbps and 1550 nm wavelength. This includes, but is not limited to: \* Telecommunications Network Testing: Characterizing optical components and systems in carrier and enterprise networks. High-Speed Digital System Verification: Testing interfaces and devices in data centers and computing environments. Component Manufacturing: Quality assurance and testing of optical transceivers, connectors, and fiber optic cables. Research and Development: Evaluating new optical technologies and network designs. Electrical Specifications \* Electrical Data Input Levels: \* High State: 0 to  $-0.2 \text{ V}$  \* Low State:  $-0.85$  to  $-1.4 \text{ V}$  Electrical Clock Input Levels: \* High State: 0 to  $-0.2 \text{ V}$  \* Low State:  $-0.85$  to  $-1.3 \text{ V}$  Electrical Connector Type: SMA 50  $\Omega$  Physical and Safety \* Optical Connector Type: FC-PC (SM-F) Optical Output Safety Compliance: \* IEC825-1 Class 3A \* 21CFR1040.10 Class IIIb Why Choose Aumictech for Anritsu MU150001B? At Aumictech, we specialize in supplying high-end network test and measurement equipment. Whether you need precise optical signal generation for telecommunications testing, characterization of high-speed digital systems, or quality assurance for optical components, our team ensures the Anritsu MU150001B delivers maximum performance for your application.

# MU150001B Characteristics / Specifications

| PARAMETER                   | VALUE                                  |
|-----------------------------|----------------------------------------|
| Instrument Type             | Optical plug in module                 |
| Series Family               | MU150001B                              |
| Form Factor                 | Plug in optical module                 |
| Host Platform Class         | Anritsu optical / BERT mainframe class |
| Primary Function            | Optical interface TX RX                |
| 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 band class          |
| Calibration                 | Optical module calibration class       |
| Export Classification Class | Commercial optical module class        |
| Warmup Class                | Per host recommendation                |
| Status Reporting            | Host status system class               |
| Related Family              | MU1500xx optical modules               |
| Bit Rate Class              | Host dependent optical rate class      |
| Input Power Range Class     | Module power meter range class         |
| Output Power Class          | Module source level class              |
| Impedance Class             | Optical fiber path class               |
| Use Case                    | Optical interface testing              |
| Form Factor Height Class    | Single slot class                      |
| Operating temperature       | Class: Laboratory host range class     |
| Fiber type                  | Class: Single mode class               |

# MU150001B Specifications

| PARAMETER                        | VALUE                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| Anritsu MU150001B Optical Module | Overview                                                                                                                     |
| Technical Specifications         | Instrument Type: Optical plug in module                                                                                      |
| Notes                            | From Anritsu MU150001B optical module family listings. Confirm wavelength, rate, and connector type on the module datasheet. |

# General Specifications & Supplementary Characteristics

| PARAMETER                   | VALUE                                                                                                                                                |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating temperature       | Class: Laboratory host range class                                                                                                                   |
| Operating Temperature       | Class: Laboratory host range class                                                                                                                   |
| Operating Temperature Class | Laboratory host range class                                                                                                                          |
| Wavelength Class            | Telecom wavelength band class                                                                                                                        |
| Calibration                 | Optical module calibration class                                                                                                                     |
| Export Classification Class | Commercial optical module class                                                                                                                      |
| Warmup Class                | Per host recommendation                                                                                                                              |
| Status Reporting            | Host status system class                                                                                                                             |
| Related Family              | MU1500xx optical modules                                                                                                                             |
| Bit Rate Class              | Host dependent optical rate class                                                                                                                    |
| Input Power Range Class     | Module power meter range class                                                                                                                       |
| Output Power Class          | Module source level class                                                                                                                            |
| Impedance Class             | Optical fiber path class                                                                                                                             |
| Use Case                    | Optical interface testing                                                                                                                            |
| Form Factor Height Class    | Single slot class Notes From Anritsu MU150001B optical module family listings. Confirm wavelength, rate, and connector type 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                 |
| Series Family                                                                                                                | MU150001B                              |
| Form Factor                                                                                                                  | Plug in optical module                 |
| Host Platform Class                                                                                                          | Anritsu optical / BERT mainframe class |
| Primary Function                                                                                                             | Optical interface TX RX                |
| 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 band class          |
| Calibration                                                                                                                  | Optical module calibration class       |
| Export Classification Class                                                                                                  | Commercial optical module class        |
| Warmup Class                                                                                                                 | Per host recommendation                |
| Status Reporting                                                                                                             | Host status system class               |
| Related Family                                                                                                               | MU1500xx optical modules               |
| Bit Rate Class                                                                                                               | Host dependent optical rate class      |
| Input Power Range Class                                                                                                      | Module power meter range class         |
| Output Power Class                                                                                                           | Module source level class              |
| Impedance Class                                                                                                              | Optical fiber path class               |
| Use Case                                                                                                                     | Optical interface testing              |
| Form Factor Height Class                                                                                                     | Single slot class                      |
| Notes                                                                                                                        |                                        |
| From Anritsu MU150001B optical module family listings. Confirm wavelength, rate, and connector type 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](mailto:sales@aumictech.com) · +1 (484) 841-9341

#### Aumictech

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NIST-traceable calibration · SAM registered ·  
30-day returns  
NAICS 423690 · 811210 · 541380  
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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.