

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

ANRITSU

Anritsu MN9601C Optical Attenuator

The Anritsu MN9601C is an optical channel selector for DWDM-style channel picking across the 1250 to 1650 nm window. Published MN9601C specification summaries used by calibration services cite 50/100 GHz channel spacing, less than 1.5 dB insertion loss, greater than 45 dB return loss, and 23 dBm power handling in a 1U 19-inch rack form factor. Optical network maintenance, DWDM channel monitoring setups, and laboratory selection of WDM channels. Instrument Type: Optical channel selector Polarization Dependent Loss: less than 0.2 dB Polarization Mode Dispersion: less than 0.3 ps Enclosure Form Factor: 19 inch rack mountable Numeric rows from published Anritsu MN9601C optical channel selector specification summaries used by calibration houses. Confirm against the faceplate/calibration certificate for a specific serial configuration.



MODEL

Anritsu MN9601C

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

MN9601C

LISTING

<https://aumictechlabs.com/products/mn9601c-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Anritsu MN9601C is a calibration kit designed for use with Anritsu network analyzers, specifically developed to facilitate precise calibration of test setups. This calibration kit is essential for ensuring the accuracy of measurements related to network parameters such as S-parameters, impedance, and signal loss. By incorporating a set of calibration standards, the MN9601C enables effective error correction, which is critical for enhancing the reliability and

repeatability of measurements in RF and microwave applications. Technical Specifications *

Calibration Standards: The MN9601C includes a set of precision calibration standards necessary for error correction. Measurement Parameters: Enables accurate measurement of S-parameters, impedance, and signal loss. Application Areas: Primarily used in RF and microwave applications.

Compatibility: Designed for use with Anritsu network analyzers. Error Correction: Facilitates error correction for improved measurement accuracy and repeatability. Electrical Characteristics *

Specific electrical specifications such as impedance, frequency range, and connector types are not detailed in the provided search results for the MN9601C specifically. However, Anritsu offers various calibration kits with different connector types (e.g., K, V, 3.5mm, SMA, 1mm, 0.8mm) and frequency ranges extending up to 145 GHz or higher for broadband applications. Interfaces *

The MN9601C can interface with Anritsu network analyzers. Specific interface details (e.g., physical connectors on the kit itself) are not explicitly detailed in the available information. Physical

Characteristics * Detailed physical dimensions, weight, or material specifications for the Anritsu MN9601C are not provided in the accessible search results. Compatibility * Network Analyzers:

Compatible with Anritsu network analyzers. Connector Types: While specific connector types for the MN9601C are not listed, Anritsu offers calibration kits with a range of connectors, including K (70 kHz to 40 GHz and 70 kHz to 70 GHz), V (70 kHz to 70 GHz), 3.5 mm, SMA, 1 mm (up to 110 GHz and above), and 0.8 mm (up to 145 GHz). The choice of calibration kit is often dictated by the VNA's connector type and the required measurement frequency range. Use Cases *

RF and Microwave Measurements: Essential for ensuring accuracy in RF and microwave testing environments. Network Parameter Analysis: Critical for precise measurements of S-parameters, impedance, and signal loss. System Calibration: Enables thorough calibration of test setups to achieve reliable and repeatable measurement results. Documentation * Manuals and datasheets

for Anritsu products are available through the Anritsu website's download center. Specific documentation for the MN9601C, such as operation manuals or technical datasheets, would typically be found there. Why Choose Aumictech for Anritsu MN9601C? At Aumictech, we

specialize in supplying high-end RF and microwave test and measurement equipment. Whether you need precise calibration solutions for your network analyzer, reliable error correction for critical measurements, or enhanced accuracy for your RF applications, our team ensures the Anritsu MN9601C delivers maximum performance for your application.

Features & description

From manufacturer datasheet

Polarization Mode Dispersion: less than 0.3 ps

Optical Power Handling: 23 dBm Operating Temperature Low: 0 C Operating Temperature High: 40 C Enclosure Form Factor: 19 inch rack mountable Height: 1U Insertion Loss Maximum: 1.5 dB Return Loss Minimum: 45 dB Pdl Maximum: 0.2 dB Pmd Maximum: 0.3 ps Max Optical Input: 23 dBm Channel Grid Modes: two spacing options Rack Units: 1 Wavelength Low Edge: 1250 nm Wavelength High Edge: 1650 nm Notes Numeric rows from published Anritsu MN9601C optical channel selector specification summaries used by calibration houses. Confirm against the faceplate/calibration certificate foraspecific serial configuration.

MN9601C Characteristics / Specifications

PARAMETER	VALUE
Model	MN9601C
Instrument Type	Optical channel selector
Wavelength Range	1250 nm to 1650 nm
Wavelength Window Span	400 nm
Channel Spacing Option A	50 GHz
Channel Spacing Option B	100 GHz
Insertion Loss	less than 1.5 dB
Return Loss	greater than 45 dB
Polarization Dependent Loss	less than 0.2 dB
Polarization Mode Dispersion	less than 0.3 ps
Optical Power Handling	23 dBm
Operating Temperature Low	0 C
Operating Temperature High	40 C
Enclosure Form Factor	19 inch rack mountable
Height	1U
Insertion Loss Maximum	1.5 dB
Return Loss Minimum	45 dB
PdI Maximum	0.2 dB
Pmd Maximum	0.3 ps
Max Optical Input	23 dBm
Channel Grid Modes	two spacing options
Rack Units	1
Wavelength Low Edge	1250 nm
Wavelength High Edge	1650 nm
Operating temperature	Low: 0 C

MN9601C Specifications

PARAMETER	VALUE
Anritsu MN9601C Optical Channel Selector	Overview
Key Features	Wide 1250 to 1650 nm operating window
Low polarization dependent loss	1U rack-mount form factor
Technical Specifications	Model: MN9601C

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Low: 0 C
Operating Temperature	Low: 0 C
Operating Temperature Low	0 C
Operating Temperature High	40 C
Enclosure Form Factor	19 inch rack mountable
Height	1U
Insertion Loss Maximum	1.5 dB
Return Loss Minimum	45 dB
PdI Maximum	0.2 dB
Pmd Maximum	0.3 ps
Max Optical Input	23 dBm
Channel Grid Modes	two spacing options
Rack Units	1
Wavelength Low Edge	1250 nm
Wavelength High Edge	1650 nm Notes Numeric rows from published Anritsu MN9601C optical channel selector specification summaries used by calibration houses. Confirm against the faceplate/calibration certificate foraspecific serial configuration.

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	MN9601C
Instrument Type	Optical channel selector
Wavelength Range	1250 nm to 1650 nm
Wavelength Window Span	400 nm
Channel Spacing Option A	50 GHz
Channel Spacing Option B	100 GHz
Insertion Loss	less than 1.5 dB
Return Loss	greater than 45 dB
Polarization Dependent Loss	less than 0.2 dB
Polarization Mode Dispersion	less than 0.3 ps
Optical Power Handling	23 dBm
Operating Temperature Low	0 C
Operating Temperature High	40 C
Enclosure Form Factor	19 inch rack mountable
Height	1U
Insertion Loss Maximum	1.5 dB
Return Loss Minimum	45 dB
Pdl Maximum	0.2 dB
Pmd Maximum	0.3 ps
Max Optical Input	23 dBm
Channel Grid Modes	two spacing options
Rack Units	1
Wavelength Low Edge	1250 nm
Wavelength High Edge	1650 nm

Notes

Numeric rows from published Anritsu MN9601C optical channel selector specification summaries used by calibration houses. Confirm against the faceplate/calibration certificate for a specific serial configuration.

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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 15, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.