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Data Sheet
August 13, 2026

ANRITSU

Anritsu MN924C Variable Optical Attenuator Calibrated

Form factor: benchtop optical attenuator instrument Interface: optical in / optical out via adapters Calibration note: verify attenuation vs wavelength on certificate Related family: MN924C / MN9605C high-precision SM VOAs Interface: optical in / optical out via adapters Calibration note: verify attenuation vs wavelength on certificate Related family: MN924C / MN9605C high-precision SM VOAs Specs from Anritsu MN924C/MN9605C official product descriptions (Japanese/English). Numeric attenuation ceiling 65 dB is OEM-stated for MN924C; return-loss ≥40 dB is stated for MN9605C. Confirm connector style and calibration certificate on the specific unit.

MODEL **Anritsu MN924C**	CALIBRATION **Available on request**
CONDITION **Used**	STATUS **In stock**
RFQ / SKU **MN924C**	LISTING **https://aumictechlabs.com/products/mn924c-2/**

NIST-traceable cal · SAM registered · 30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Anritsu MN924C is a calibrated variable optical attenuator engineered for precise optical signal power control in fiber optic communication systems. It employs combined step and continuous attenuation mechanisms to deliver highly accurate adjustments across single-mode fiber networks. Designed for operation at 1.3 µm and 1.55 µm wavelengths, the MN924C provides the control resolution required in laboratory and field testing environments.Note: This model was

discontinued in July 2004; the MN9605C is the recommended replacement.Technical Specifications Model: MN924C Manufacturer: Anritsu Product Type: Variable Optical Attenuator (Calibrated) Operating Wavelengths: 1.3 µm and 1.55 µm Fiber Type: Single-mode optical fibers Attenuation Adjustment: Step and continuous combined controlKey Features Dual-wavelength operation supports common telecommunications bands Combined attenuation approach enables fine-grain power control Calibrated performance for traceable measurements Single-mode fiber compatibility ensures low-loss operationTypical Applications Fiber optic system characterization and testing Optical signal conditioning in C-band and L-band measurements Power level verification and validation in telecommunications networks Laboratory environments requiring precise attenuation controlCompatibility & Integration The MN924C integrates with single-mode fiber infrastructure operating at standard telecommunications wavelengths. Users requiring connector specifications or modern alternatives should evaluate the MN9605C, which offers current-generation PC-type connectors with ≥40 dB return loss performance.

Features & description

From manufacturer datasheet

Features

• Combined step attenuator and continuous attenuator • Maximum attenuation 65 dB • Designed for single-mode optical fiber • Suitable for 1.3 µm and 1.55 µm wavelengths • Optical connector adapters easily attached and removed • High-precision laboratory-grade mechanical VOA • Related PC-connector model MN9605C with return loss ≥40 dB • Manual adjustment (non-programmable)

Applications

• Optical power level setting in SM fiber test beds • Receiver sensitivity and BER versus optical power tests • Transmitter and amplifier output padding • WDM/EDFA laboratory attenuation control at 1.3/1.55 µm • Calibration and comparison setups needing precise VOA

MN924C Characteristics / Specifications

PARAMETER	VALUE
Model	MN924C
Manufacturer	Anritsu
Instrument Type	Variable Optical Attenuator
Alias	MN924C; Anritsu MN924C Optical Attenuator
Attenuation method	combined step and continuous plates
Maximum attenuation	65 dB
Fiber type	single mode
Wavelength suitability	1.3 µm and 1.55 µm
Wavelength suitability alternate units	1310 nm and 1550 nm class
Connector adapters	removable/attachable optical adapters
Control type	manual variable
Product status	discontinued
Discontinuation date	July 2004
Recommended alternate model	MN9605C
Alternate model attenuation	65 dB variable
Alternate model return loss	greater than or equal to 40 dB
Alternate model connectors	PC type optical connectors
Alternate model fiber	single mode precision construction
Primary use	high-precision SM optical attenuation
Adjustment resolution class	step plus continuous fine adjust
Reflection control on alternate	suppressed internal reflection (PC)
Application bands	O-band and C-band class SM links
Form factor	benchtop optical attenuator instrument
Interface	optical in / optical out via adapters
Calibration note	verify attenuation vs wavelength on certificate

PARAMETER	VALUE
Related family	MN924C / MN9605C high-precision SM VOAs Notes Specs from Anritsu MN924C/MN9605C official product descriptions (Japanese/English). Numeric attenuation ceiling 65 dB is OEM-stated for MN924C; return-loss ≥40 dB is stated for MN9605C. Confirm connector style and calibration certificate on the specific unit.
Attenuation	adjustment up to 65 dB for 1.3 µm and 1.55 µm optical systems. Discontinued July 2004; MN9605C was the recommended alternate with PC connectors and ≥40 dB return loss.
Return loss	≥40 dB - Manual adjustment (non-programmable)

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

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