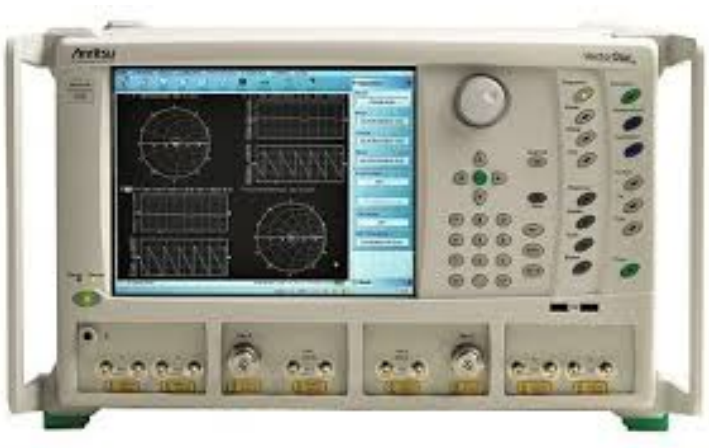
Aumictech
Test & measurement · bought, sold, repaired, calibrated

Data Sheet
August 12, 2026

ANRITSU

Anritsu MS4647A Network Analyzer, 10 MHz to 70 GHz

Anritsu Network Analyzers. Frequency Range: 10 MHz to 70 GHz (standalone), Dynamic Range: Up to 140 dB, Resolution: Up to 100.



MODEL **Anritsu MS4647A**	CALIBRATION **Available on request**
CONDITION **Used**	STATUS **In stock**
RFQ / SKU **MS4647A**	LISTING **https://aumictechlabs.com/products/ms4647a-2/**

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

This unit

The Anritsu MS4647A is a Vector Network Analyzer covering 10 MHz to 70 GHz, engineered for RF, microwave, and millimeter-wave device characterization across aerospace, defense, communications, and semiconductor applications. This VectorStar family instrument delivers fast measurement speeds, superior dynamic range, and advanced data resolution from a single coaxial test port.Technical Specifications Frequency Range: 10 MHz to 70 GHz (standalone); extended coverage to 70 kHz available with broadband configurations Dynamic Range: Up to 140 dB; 100 dB at 70 GHz Sweep Speed: Less than 20 µs/point (fastest synthesized); typical 20 µs/point in true swept mode with 25,000 points Data Resolution: Up to 100,001 points in single channel mode for maximum measurement flexibility Output Power: Up to +13 dBm Test Port Performance: – Directivity: Up to 50 dB – Source Match: Up to 50 dB – Load Match: Up to 50 dB Noise Floor: –85 dBm at 70 GHz with 10 kHz IFBW (Option 051) IF Bandwidth: Selectable settings

including 10 kHz, 30 kHz, 100 kHz, 400 kHz, and 1 MHz Warm-Up Time: 90 minutes Operating Temperature: 25 °C ± 5 °C; error-corrected specifications warranted over 23 °C ± 3 °CKey Features Two-port S-parameter measurements (S11, S21, S22, S12) and user-defined a/b wave combinations Four-port capability via VectorStar MN4690B Series Multiport VNA Measurement System Precision AutoCal automatic calibration with superior accuracy compared to traditional SOLT methods Spectrum Analyzer option extending coverage from 70 kHz to 220 GHz, with banded configurations to 1.1 THz Dual SPA mode for mixer, amplifier, harmonic, and spurious measurements Open Windows architecture for versatile connectivityTypical Applications Device modeling, component characterization, amplifier and filter testing, antenna measurement, and advanced R&D in high-frequency systems.Compatibility & Integration Supports Universal Fixture Extraction (UFX) software for fixture de-embedding and advanced measurement analysis.

Features & description

From manufacturer datasheet

Technical Specifications

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Specifications

ParameterValue Frequency Range10 MHz to 70 GHz (standalone)70 kHz to 70 GHz with broadband configurations | Power Range (dBm)Up to +13 dBm output

Anritsu MS4647A — Repair & Calibration Service

Aumictech offers NIST-traceable calibration and repair for the Anritsu MS4647A. All calibrations are performed to NIST-traceable standards and ship with a certificate. Turnaround is typically 1–3 business days after receipt. Standard Cal Pass/fail cert + NIST sticker Cal with Data Full NIST cert with measured values Request Calibration → Request Repair Quote →

Anritsu MS4647A price

This Anritsu MS4647A is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units.

Anritsu MS4647A calibration cost

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Unit notes

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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.

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Typical Applications Device modeling, component characterization, amplifier and filter testing, antenna measurement, and advanced R&D in high-frequency systems.

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Request Calibration → Request Repair Quote →

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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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