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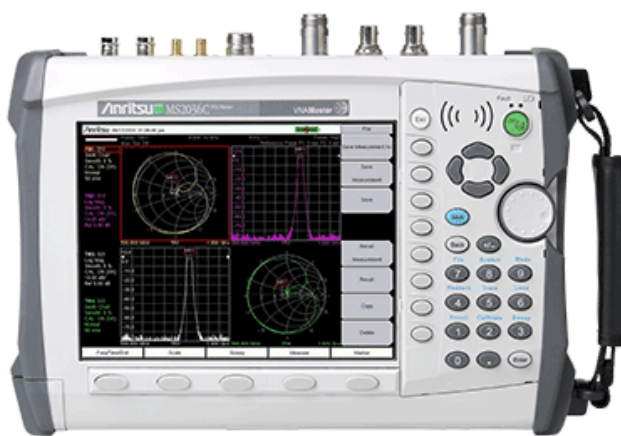
Data Sheet

August 14, 2026

ANRITSU

Anritsu MS2036C VNA Master, Handheld Network Analyzer, 5 kHz to 6 GHz, with Spectrum Analysis to 9 GHz

Anritsu MS2036C VNA Master Handheld Analyzer The Anritsu MS2036C VNA Master is a handheld network analyzer covering 5 kHz to 6 GHz for vector network measurements with spectrum analysis to 9 GHz. OEM product literature emphasizes field cable/antenna and RF component characterization with an integrated spectrum analyzer. Handheld S-parameter and cable/antenna measurements to 6 GHz with spectrum analysis to 9 GHz. Spectrum Analyzer Frequency Range: 9 kHz to 9 GHz The Anritsu MS2036C VNA Master is a handheld network analyzer covering 5 kHz to 6 GHz for vector network measurements with spectrum analysis to 9 GHz. OEM product literature emphasizes field cable/antenna and RF component characterization with an integrated spectrum analyzer. Handheld S-parameter and cable/antenna measurements to 6 GHz with spectrum analysis to 9 GHz. Spectrum Analyzer Frequency Range: 9 kHz to 9 GHz Instrument Type: Handheld VNA Master with spectrum analyzer



MODEL

Anritsu MS2036C

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

MS2036C

LISTING

<https://aumictechlabs.com/products/ms2036c-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Anritsu MS2036C VNA Master is a portable handheld instrument combining vector network analysis with spectrum analysis, designed for field deployment across RF and wireless environments. Operating from 5 kHz to 6 GHz as a VNA and 9 kHz to 9 GHz in spectrum mode, it delivers true 2-port, fully reversing architecture with 12-term error correction and dynamic range to 100 dB. The instrument executes measurements at 350 μ s per point with up to 4,001 arbitrary data points, supports all standard calibration methods, and includes optional time-domain analysis with gating and TDR-type display capability. Its integrated spectrum analyzer features 1 Hz to 10 MHz resolution bandwidth, 30 MHz capture bandwidth, and noise floor to -161 dBm, with burst detection for intermittent signals as short as 200 μ s and automated measurements including occupied bandwidth and adjacent channel power. The 21.3 cm display renders user-defined quad views of all four S-parameters simultaneously. Field-rated construction meets MIL-PRF-28800F Class 2, measures 211 mm $\times$ 315 mm $\times$ 97 mm, and weighs 4.8 kg with 3-hour battery autonomy. Dual USB and Ethernet interfaces enable remote control and data transfer. Waveguide and coaxial connectors are supported across all measurement modes.

Technical Specifications

Vector Network Analyzer
Frequency: 5 kHz to 6 GHz
2-port, fully reversing architecture
S-parameter measurement: S11, S21, S22, S12
12-term error correction; SOLR, SSLR, SSSR calibration
Measurement speed: 350 μ s per point; up to 4,001 data points
IF bandwidth: 10 Hz to 100 kHz
Dynamic range: 100 dB
Directivity: >42 dB to 6 GHz
Spectrum Analyzer
Frequency: 9 kHz to 9 GHz
RBW: 1 Hz to 10 MHz; capture bandwidth 30 MHz
Amplitude range: +30 dBm; noise floor -161 dBm
Burst detection: 200 μ s minimum signal capture
Automated measurements: occupied bandwidth, adjacent channel power, emission mask
Built-in AM/FM/SSB demodulator
Electrical
Source power: +3 dBm or -25 dBm
Maximum output: 0 dBm

Physical & Power Dimensions: 211 mm $\times$ 315 mm $\times$ 97 mm
Weight: 4.8 kg
Display: 21.3 cm (800 $\times$ 600)
Operating temperature: -10°C to +55°C
Battery life: 3 hours
Compliance: MIL-PRF-28800F Class 2

Key Features
Real-time sweep updates exceed 350 μ sec per point
Quad display for simultaneous S-parameter viewing
Fast sweep speeds for interference hunting
PIM hunting mode (with MW82119B)
Coverage mapping capability
Optional interference analysis
Time-domain gating and low-pass step response

Typical Applications
Field network characterization and validation
Interference identification and mitigation
Impedance and transmission-line measurement
PIM detection in wireless infrastructure
Device and component S-parameter validation

Compatibility & Integration
USB and Ethernet interfaces
Coaxial and waveguide connector support
Waveguide measurements across all models

MS2036C Characteristics / Specifications

PARAMETER	VALUE
VNA Frequency Range	5 kHz to 6 GHz
Spectrum Analyzer Frequency Range	9 kHz to 9 GHz
Instrument Type	Handheld VNA Master with spectrum analyzer
Dynamic Range Class	High dynamic range handheld VNA class
Measurement Modes Class	S parameter cable antenna and spectrum class
Display	Handheld color display class
RF Connectors Class	TypeNfemale class
Input Impedance	50 ohms class
Calibration	OSL and guided calibration class
Battery Operation	Yes
Form Factor	Handheld field analyzer
Series Family	Anritsu MS203xC VNA Master
Applications Class	Cable antenna and RF component field test
USB Connectivity	Yes for trace transfer class
Marker Functions	Multi marker with delta class
Distance To Fault Class	Supported in cable antenna modes class
Return Loss VSWR	Supported measurement modes
Operating Temperature Class	Field temperature range class
Weight Class	Handheld analyzer weight
Storage	Internal trace and setup memory class
GPS Option Class	Available on related VNA Master options class
Bias Tee Class	Available on related options class
Operating temperature	Class: Field temperature range class
Return loss	VSWR: Supported measurement modes

MS2036C Specifications

PARAMETER	VALUE
Anritsu MS2036C VNA Master Handheld Analyzer	Overview
Applications	Handheld S-parameter and cable/antenna measurements to 6 GHz with spectrum analysis to 9 GHz.
Key Features	Handheld VNA to 6 GHz
Technical Specifications	VNA Frequency Range: 5 kHz to 6 GHz

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: Field temperature range class
Operating Temperature	Class: Field temperature range class
Operating Temperature Class	Field temperature range class
Weight Class	Handheld analyzer weight
Storage	Internal trace and setup memory class
GPS Option Class	Available on related VNA Master options class
Bias Tee Class	Available on related options class Notes
From Anritsu MS2036C VNA Master OEM product documentation (queue title	VNA 5 kHz to 6 GHz with spectrum to 9 GHz). Confirm option-dependent limits on the unit technical data sheet.

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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PARAMETER	VALUE
VNA Frequency Range	5 kHz to 6 GHz
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Operating Temperature Class	Field temperature range class
Weight Class	Handheld analyzer weight
Storage	Internal trace and setup memory class
GPS Option Class	Available on related VNA Master options class
Bias Tee Class	Available on related options class
Notes	
From Anritsu MS2036C VNA Master OEM product documentation (queue title: VNA 5 kHz to 6 GHz with spectrum to 9 GHz). Confirm option-dependent limits on the unit technical data sheet.	

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.