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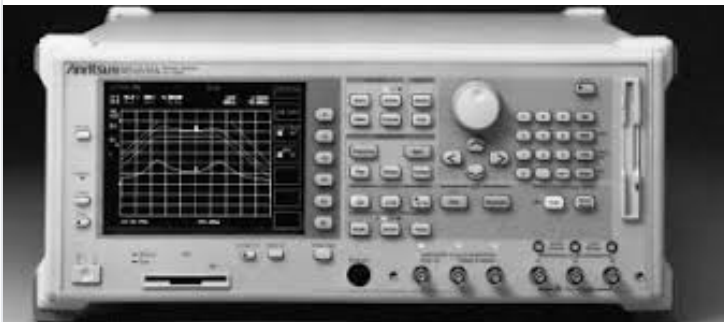
Data Sheet

August 14, 2026

ANRITSU

Anritsu MS4630A

The Anritsu MS4630A is a benchtop RF network analyzer for scalar or vector network measurements in the Anritsu MS4630 family. OEM documentation lists frequency coverage in the RF/microwave region for S-parameter or scalar transmission/reflection measurements depending on configuration. RF component characterization, filter tuning, and antenna matching measurements on the bench. Instrument Type: Benchtop RF network analyzer Frequency Range Class: RF to microwave coverage class per MS4630A datasheet RF component characterization, filter tuning, and antenna matching measurements on the bench. Instrument Type: Benchtop RF network analyzer Frequency Range Class: RF to microwave coverage class per MS4630A datasheet Measurement Modes: Transmission reflection S-parameter class by config



MODEL

Anritsu MS4630A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

MS4630A

LISTING

<https://aumictechlabs.com/products/ms4630a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Anritsu MS4630A is a network analyzer engineered for rapid, accurate characterization of RF and microwave components across 10 Hz to 300 MHz. Built for manufacturing and R&D environments, it delivers 120 dB dynamic range with exceptional measurement speed - 150 μ s per point, three times faster than legacy models - and group delay accuracy improved by more than 10 times. The instrument excels at IF filter resonance evaluation, resonator impedance analysis,

and spurious response detection with simultaneous passband/spurious data display via alternate sweep functionality. Technical Specifications Frequency Range: 10 Hz to 300 MHz Dynamic Range: 120 dB (Resolution Bandwidth 1 kHz) Sweep Speed: 150 μ s/measurement point Measurement Points: 1001 points maximum Group Delay Resolution: 1/10,000 of measurement range Electrical Length Calibration Range: 0 to $\pm 999,999.9999999$ m (100 nm resolution) Phase Offset Range: $\pm 180^\circ$ Key Features Resonator analysis with Fr/Zr measurement (Resonator 1) and equivalence calculation (Resonator 2) Digital filter characterization: 3 dB bandwidth, center frequency, in-band ripple, out-of-band attenuation User-configurable filter setup with preset value entry and modification Multi-marker function: up to 10 independent markers per channel with tabular data and waveform display Pass/fail evaluation via single and segmented limit test functions Alternate sweep mode for in-band and spurious response simultaneous measurement Calibration types: Frequency Response, 1 Port, 1 Path-2 Port, Frequency Response/Isolation, and π -NET Calibration data interpolation on point count changes Frequency sweep modes: LIN (CENTER/SPAN, START/STOP) and LOG (START/STOP) Typical Applications IF filter resonance and group delay testing Resonator impedance characterization in AV equipment Component evaluation in personal computer RF circuits Production throughput optimization with high-speed measurement Compatibility & Integration Supports multiple calibration standards and flexible sweep configuration for integration into automated test environments.

MS4630A Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Benchtop RF network analyzer
Frequency Range Class	RF to microwave coverage class per MS4630A datasheet
Measurement Modes	Transmission reflectionSparameter class by config
Dynamic Range Class	Network analyzer dynamic range class
Display	Network analyzer display class
RF Connectors Class	TypeNor precision connectors class
Input Impedance	50 ohms class
Calibration	OSL and through calibration class
Remote Interface	GPIB
Form Factor	Benchtop network analyzer
Series Family	Anritsu MS4630A
Applications Class	RF component and filter characterization
Primary Power	AC mains laboratory supply class
Cooling	Fan cooled class
Marker Functions	Multi marker with delta class
Sweep Modes	Linear and log sweep class
Operating Temperature Class	Standard lab
Weight Class	Benchtop analyzer weight
Storage	Trace save recall class
Source Power Class	Adjustable stimulus power class
Receiver Dynamic Range Class	Specified on datasheet class
Warmup Time Class	15 minutes typical class
Relative Humidity Class	Up to 80 percent noncondensing class
Operating temperature	Class: Standard lab
Humidity	Class: Up to 80 percent noncondensing class

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: Standard lab
Operating Temperature	Class: Standard lab
Humidity	Class: Up to 80 percent noncondensing class
Operating Temperature Class	Standard lab
Weight Class	Benchtop analyzer weight
Storage	Trace save recall class
Source Power Class	Adjustable stimulus power class
Receiver Dynamic Range Class	Specified on datasheet class
Warmup Time Class	15 minutes typical class
Relative Humidity Class	Up to 80 percent noncondensing class Notes From Anritsu MS4630A OEM/family network analyzer documentation. Confirm exact frequency span, vector vs scalar capability, and dynamic range on the unit 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	
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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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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.