

VNA Master™ MS2036C

Vector Network Analyzer Spectrum Analyzer

5 kHz to 6 GHz/9 kHz to 9 GHz

Handheld Vector Network Analyzer + Spectrum Analyzer

The Grand Master of Handheld S-Parameters

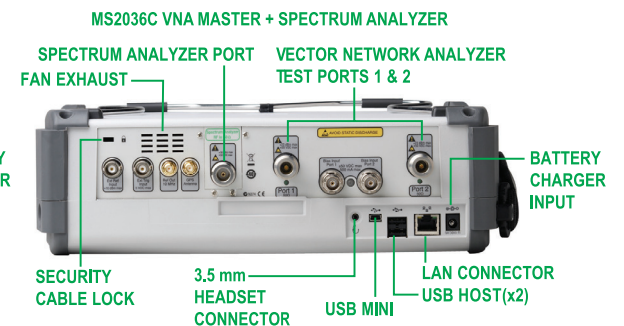
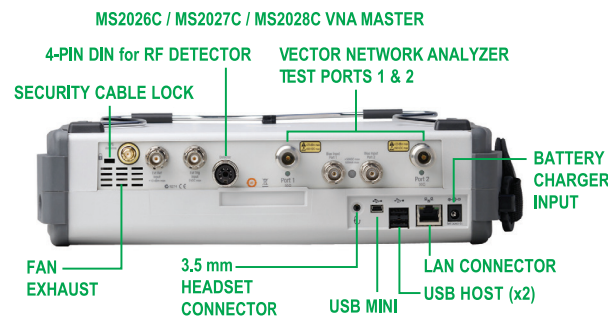
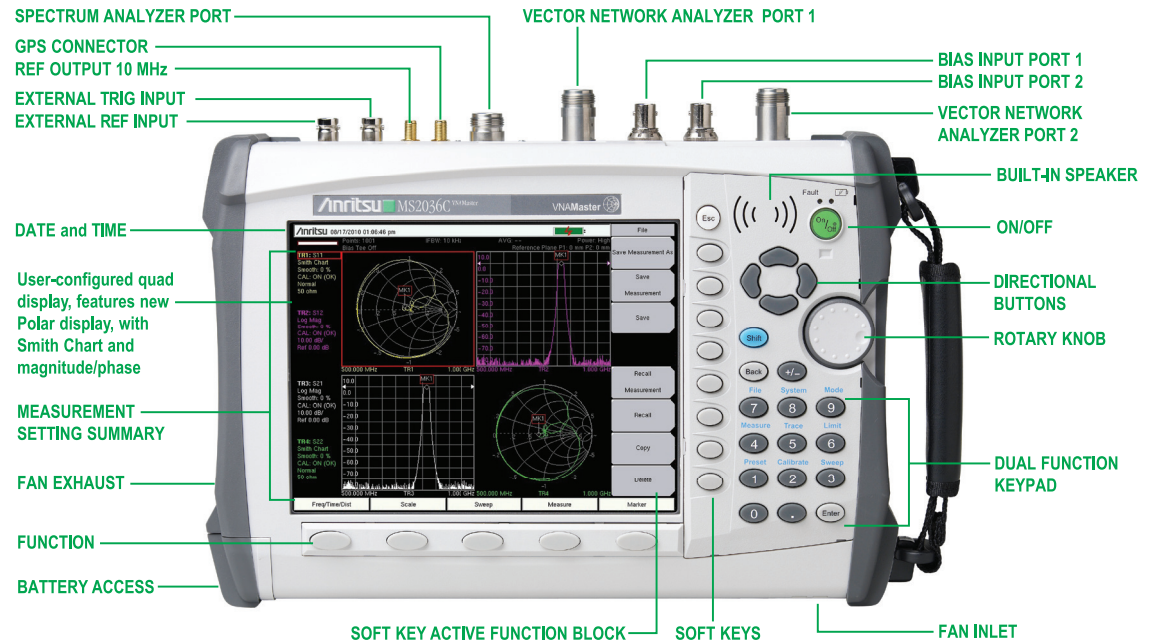
The title Grand Master suggests the ultimate level of skill, experience, accomplishment and recognition as best in class. The VNA Master Series is the industry's highest performance, handheld solution for 2-port, 2-path measurements, anytime, anywhere. It specifically addresses complex cable, waveguide and antenna measurement needs in the field with accurate, vector corrected 2-port magnitude, phase, and Time or Distance Domain measurements.

Vector Analyzer Key Features

- 2-port, 2-path, fully-reversing VNA; measures and displays all S-parameters with a single connection
- 350 µsec per data point, ideal for filter tuning
- 12-term error correction algorithm
- Vector Voltmeter option, ideal for cable phase matching
- Time Domain option for precise Time or Distance Domain diagnostics, includes Gated Time Domain, LP Processing, and Phasor Impulse mode

+ Spectrum Analyzer Key Features

- Detectors: Peak, Negative, Sample, Quasi-peak, and true RMS
- Markers: 6, each with a Delta Marker, or 1 Reference with 6 Deltas
- Industry leading DANL performance
- Interference Analyzer Option: Spectrogram, Signal Strength, RSSI



Quick Fact Sheet

VNA Master™ MS2036C

Key Specifications

Vector Network Analyzer (now with standard Distance To Fault (DTF))	
Frequency	5 kHz to 6 GHz (MS2026C / MS2036C)
Sweep Speed	350 µsec/data point
Directivity	> 42 dB up to 6 GHz (all models)
Dynamic Range	> 100 dB 2 MHz - 3 GHz (all models), > 90 dB 3 GHz - 6 GHz (all models)
+ Spectrum Analyzer	
Internal Trace	Store more than 4000 traces and setups in memory
External Trace	Limited by size of USB Flash drive
Connectivity	Ethernet, USB cable, USB Flash drive
Display	8.4" daylight viewable color LCD, resolution 800 x 600
Temperature	Operating Temperature -10 °C to 55 °C
Battery	Li-Ion, 3.0 hours, typical
Dimensions	211 mm x 315 mm x 97 mm (8.3 in x 12.4 in x 3.8 in) (MS203xC models)
Weight	4.8 kg (10.5 lbs) (MS203xC models)

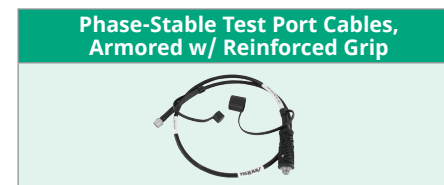
Options

Option Number	Description
Option 0002	Time Domain with Low Pass TDR step response
Option 0007	Secure Data Operation
Option 0010	Built-in Variable Voltage Bias Tee
Option 0015	Vector Voltmeter
Option 0019	High Accuracy Power Meter (requires USB sensors, sold separately)
Option 0025	Interference Analysis (requires external antenna, MS2036C models only)
Option 0027	Channel Scanner (requires external antenna, MS2036C models only)
Option 0031	GPS Receiver (requires GPS antenna, sold separately)
Option 0077	Balanced / Differential S-Parameters, 1-port
Option 0431	Coverage Mapping (requires Option 31, GPS)
Option 0098	Standard Calibration (ISO 17025 and Z540.1)
Option 0099	Premium Calibration (ISO 17025 and Z540.1 plus test data)

Standard Accessories

Part Number	Description
2000-1685-R	Soft Carrying Case (supplied with MS202xC only)
2000-1686-R	Soft Carrying Case (supplied with MS203xC only)
633-75	High Capacity Li-Ion Battery
40-187-R	AC-DC Adapter
806-141-R	Automotive Cigarette Lighter 12 VDC Adapter
3-2000-1498	USB A/5-pin mini-B Cable, 10 feet/305 cm
2000-1371-R	Ethernet cable, 2.13 m (7 ft)
	Three Year Warranty (One year for battery)
	Certificate of Calibration and Conformance

Optional Accessories



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