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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight N9913C

Agilent / Keysight N9913C FieldFox Handheld RF Analyzer The Keysight (Agilent) N9913C isaFieldFox C-Series handheld RF combination analyzer. OEM FieldFox C-Series data sheets list frequency coverage 3 kHz to 4 GHz with frequency reference accuracy plus or minus 0.9 ppm (spec) plus aging from minus 10 to 55 C. Cable and antenna test, vector network analysis, spectrum analysis, and field RF maintenance depending on installed options. GPS-disciplined frequency reference option path The Keysight (Agilent) N9913C isaFieldFox C-Series handheld RF combination analyzer. OEM FieldFox C-Series data sheets list frequency coverage 3 kHz to 4 GHz with frequency reference accuracy plus or minus 0.9 ppm (spec) plus aging from minus 10 to 55 C. Cable and antenna test, vector network analysis, spectrum analysis, and field RF maintenance depending on installed options. GPS-disciplined frequency reference option path Frequency Reference Accuracy Spec: plus or minus 0.9 ppm + aging (minus 10 to 55 C)

**MODEL****Agilent / Keysight
N9913C****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****N9913C****LISTING**<https://aumictechlabs.com/products/n9913c-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

Agilent/Keysight N9913C FieldFox Handheld Microwave Analyzer The Agilent/Keysight N9913C FieldFox is a versatile, handheld microwave analyzer designed for field engineers and technicians requiring solid test and measurement capabilities in harsh environments. This all-in-one instrument integrates multiple functionalities, including a cable and antenna analyzer, spectrum analyzer, vector voltmeter, and power meter, into a single, portable unit weighing approximately 7.1

lb (3.2 kg). Its rugged design ensures reliable operation under demanding working conditions.

Technical Specifications General Characteristics * Model: N9913C Manufacturer: Agilent Technologies / Keysight Technologies Instrument Type: Handheld Microwave Analyzer Integrated Functions: Cable and Antenna Analyzer, Spectrum Analyzer, Vector Voltmeter, Power Meter Weight: 7.1 lb (3.2 kg) Environmental Resistance: Designed for harsh working conditions

Performance Specifications * Frequency Range: (Specific frequency range data not available in initial search. Further investigation into manufacturer datasheets or manuals would be required for precise specifications.) Measurement Accuracy: (Specific accuracy figures for each function like spectrum analysis, power measurement, etc., require detailed datasheet review.) Dynamic Range: (Specific dynamic range data for spectrum analysis and other relevant measurements are dependent on detailed product specifications.) Resolution Bandwidth (RBW): (Varies by spectrum analyzer mode and settings. Detailed specifications needed from manufacturer documentation.) Video Bandwidth (VBW): (Varies by spectrum analyzer mode and settings. Detailed specifications needed from manufacturer documentation.)

Cable and Antenna Analysis Capabilities * Parameters Measured: Return Loss, VSWR, Transmission Loss, Distance to Fault (DTF) Frequency Range: (Specific to cable/antenna analysis mode. Requires datasheet verification.) Impedance: Typically 50 ohms, but configurable options may exist. (Requires datasheet verification.)

Spectrum Analysis Capabilities * Frequency Range: (Requires datasheet verification.) Span: (Requires datasheet verification.) Amplitude Accuracy: (Requires datasheet verification.) DANL (Displayed Average Noise Level): (Requires datasheet verification.)

Vector Voltmeter Capabilities * Frequency Range: (Requires datasheet verification.) Amplitude Accuracy: (Requires datasheet verification.) Phase Accuracy: (Requires datasheet verification.)

Power Meter Capabilities * Measurement Range: (Requires datasheet verification.) Accuracy: (Requires datasheet verification.)

Sensors Supported: (If applicable, specific sensor compatibility would be detailed in manuals.)

Interfaces and Connectivity * Display: (Type and resolution of the integrated display.) Ports: (Details on USB, Ethernet, RF connectors, etc., are essential for procurement.) Data Storage: (Internal memory, external storage options, and supported formats.)

Power * Battery Type: (Information on rechargeable battery, expected operating life, and charging methods.) AC Power Adapter: (Specifications for external power supply if used.)

Physical Characteristics * Dimensions: (Height, Width, Depth of the unit.) Ruggedness: (Details on MIL-STD compliance, drop resistance, temperature extremes, and ingress protection ratings.)

Compatibility * Software: (Compatibility with specific operating systems or analysis software.)

Accessories: (Information on compatible probes, antennas, carrying cases, and power sensors.)

Why Choose Aumictech for Agilent/Keysight N9913C? At Aumictech, we specialize in supplying high-end RF and microwave test equipment. Whether you need a versatile field-portable solution for complex RF measurements, reliable spectrum analysis in challenging environments, or integrated power and vector measurements, our team ensures the Agilent/Keysight N9913C delivers maximum performance for your application.

N9913C Characteristics / Specifications

PARAMETER	VALUE
Model	N9913C
Frequency Range	3 kHz to 4 GHz
Frequency Reference Accuracy Spec	plus or minus 0.9 ppm + aging (minus 10 to 55 C)
Frequency Reference Accuracy Typical	plus or minus 0.5 ppm + aging
Frequency Accuracy Locked To GPS	plus or minus 0.010 ppm
Frequency Accuracy GPS Antenna Disconnected	plus or minus 0.4 ppm nominal
Aging Rate	plus or minus 1 ppm/yr for 20 years (spec) will not exceed plus or minus 3.5 ppm
Frequency Resolution 3 kHz To 1.49961 GHz	0.67 Hz
Frequency Resolution 1.49961 To 2.99961 GHz	1.34 Hz
Frequency Resolution 2.99961 To 5.99961 GHz	1.34 Hz
Frequency Resolution 5.99961 GHz To 10 GHz	2.68 Hz
Data Points Class	101 to 10001 points including 4001 and 10001
IF Bandwidth Class VNA	3 Hz to 100 kHz stepped set
System Impedance	50 ohm nominal
Platform	FieldFox C-Series handheld analyzer
SA Option Path Class	Option 233 spectrum analysis when licensed
Battery Operation	yes
Operating Temperature Class	minus 10 C to 55 C FieldFox class
Connectivity Class	USB and LAN
Brand Lineage	Agilent / Keysight
Instrument Type	FieldFox RF combination analyzer
Display	handheld daylight-viewable display

PARAMETER	VALUE
Bandwidth	Class VNA: 3 Hz to 100 kHz stepped set
Operating temperature	Class: minus 10 C to 55 C FieldFox class

N9913C Specifications

PARAMETER	VALUE
Agilent / Keysight N9913C FieldFox Handheld RF Analyzer	Overview
Key Features	Frequency coverage 3 kHz to 4 GHz
Technical Specifications	Model: N9913C
Notes	From Keysight FieldFox Handheld Analyzers C-Series data sheet model row for N9913C.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: minus 10 C to 55 C FieldFox class
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Operating Temperature Class	minus 10 C to 55 C FieldFox class
Connectivity Class	USB and LAN
Brand Lineage	Agilent / Keysight
Instrument Type	FieldFox RF combination analyzer
Display	handheld daylight-viewable display Notes From Keysight FieldFox Handheld Analyzers C-Series data sheet model row for N9913C.

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

From Keysight FieldFox Handheld Analyzers C-Series data sheet model row for N9913C.

Ordering Information

OPTION	DESCRIPTION
Option 233	spectrum analysis when licensed

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.