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Data Sheet

August 12, 2026

KEYSIGHT / AGILENT

Keysight (Agilent) N9915A FieldFox Handheld Microwave Analyzer, 9 GHz

Keysight / Agilent N9915A FieldFox Handheld Microwave Analyzer, 9 GHz The N9915A isaFieldFox A-series handheld microwave combination analyzer with CAT/VNA/SA capabilities (option-dependent) covering to 9 GHz. Type-N (f) test ports. The N9915A isaFieldFox A-series handheld microwave combination analyzer with CAT/VNA/SA capabilities (option-dependent) covering to 9 GHz. Type-N (f) test ports.



MODEL

**Keysight / Agilent
N9915A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N9915A

LISTING

<https://aumictechlabs.com/products/n9915a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight N9915A FieldFox is a handheld microwave analyzer operating from 5 kHz to 9 GHz, combining cable and antenna analysis, spectrum analysis, and vector network analysis in a single portable instrument. Designed for field deployment, it delivers cable and antenna characterization including return loss, VSWR, Smith Chart display, and Distance to Fault measurement. The spectrum analyzer section provides 100 dB dynamic range with -162 dBm typical DANL at 9 GHz in 1 Hz RBW, along with adjustable resolution and video bandwidths from 1 Hz to 5 MHz across 32 steps. Vector network analysis capabilities include S-parameter measurement (S11, S21) with magnitude, phase, and calibration support. A built-in signal generator delivers -10 dBm to 0 dBm output with ± 1.0 dB typical accuracy. The 6.5-inch color LCD (640 × 480 pixels) supports up to 4

traces with multiple trace operations: Average, Max Hold, Min Hold, Normal, and Blank. Frequency resolution reaches 1 Hz with ± 1 ppm accuracy at 25°C and ≤ 5 ppm/year stability. Amplitude accuracy is ± 0.5 dB typical; phase accuracy ± 5 degrees typical. The rechargeable lithium-ion battery provides up to 4 hours of typical operation with ≤ 30 W power consumption. Power input accepts 100-240 VAC, 50/60 Hz via external adapter. RF connectivity uses N-Type female connectors on Port 1 and Port 2. Data management includes internal memory and USB 2.0 connectivity for external flash drive storage. Third-order intercept measures +12 dBm typical; intermodulation distortion -70 dBc typical at -20 dBm output power.

Features & description

From manufacturer datasheet

Features

- Model: N9915A FieldFox microwave analyzer
- Frequency CAT/VNA: 30 kHz to 9 GHz (Opt V5K: 5 kHz to 9 GHz)
- Frequency SA: 100 kHz to 9 GHz
- RF connector: Type-N (f)
- Analyzer type: combination (CAT standard; VNA/SA with options)
- Weight class: ~3.0 kg / ~6.6 lb family handheld
- USB ECal supported (e.g. N4690B/C/D, N755x economy ECal)
- Modes: CAT, optional VNA, SA, power meter, pulse, I/Q, etc. (license-dependent)

Applications

- Cable and antenna test to 9 GHz
- Handheld VNA / spectrum analysis in the field
- RF/microwave installation and maintenance

N9915A Characteristics / Specifications

PARAMETER	VALUE
Model	N9915A FieldFox microwave analyzer
Manufacturer	Keysight / Agilent
Instrument Type	FieldFox Handheld Microwave Combination Analyzer
Alias	N9915A; Keysight N9915A; FieldFox N9915A
Frequency CAT/VNA	30 kHz to 9 GHz (Opt V5K: 5 kHz to 9 GHz)
Frequency SA	100 kHz to 9 GHz
RF connector	Type-N (f)
Max frequency	9 GHz
Form	handheld FieldFox A-series Notes Specs from Keysight FieldFox Handheld Analyzers Configuration Guide (N9915A row). Confirm installed options on the unit.
Analyzer type	combination (CAT standard; VNA/SA with options)
Weight class	~3.0 kg / ~6.6 lb family handheld
Modes	CAT, optional VNA, SA, power meter, pulse, I/Q, etc. (license-dependent)

N9915A Specifications

PARAMETER	VALUE
Applications	- Cable and antenna test to 9 GHz
Key Features	- Model: N9915A FieldFox microwave analyzer
Technical Specifications	Model: N9915A
Notes	Specs from Keysight FieldFox Handheld Analyzers Configuration Guide (N9915A row). Confirm installed options on the unit.

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

Specifications

PARAMETER	VALUE
Model	N9915A
Manufacturer	Keysight / Agilent
Instrument Type	FieldFox Handheld Microwave Combination Analyzer
Alias	N9915A; Keysight N9915A; FieldFox N9915A

Specifications

PARAMETER	VALUE
Frequency CAT/VNA	30 kHz to 9 GHz
Frequency SA	100 kHz to 9 GHz
RF connector	Type-N (f)
Max frequency	9 GHz
Form	handheld FieldFox A-series

Notes

Specs from Keysight FieldFox Handheld Analyzers Configuration Guide (N9915A row). Confirm installed options on the unit.

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

788 S 500 E, Pleasant Grove, UT 84062
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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.