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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight N5262A Millimeter-Wave Controller for PNA/PNA-X Network Analyzer Series, 4-port

Agilent Keysight N5262A 4 Port Millimeter Wave Controller The Keysight N5262A is a 4-port millimeter-wave test-set controller that interfaces up to four mmWave heads with a PNA or PNA-X. OEM Banded Millimeter Wave Network Analysis technical overview lists N5262A cable options 104/108/114 by connector, RF ALC after source-power cal, and banded coverage from 50 GHz through 1.1 THz depending on the connected N5256/N5262 frequency extenders. Banded waveguide S-parameters, power sweep with leveling, and antenna measurements from V-band through THz when used with VDI T/R extenders and a PNA/PNA-X. The Keysight N5262A is a 4-port millimeter-wave test-set controller that interfaces up to four mmWave heads with a PNA or PNA-X. OEM Banded Millimeter Wave Network Analysis technical overview lists N5262A cable options 104/108/114 by connector, RF ALC after source-power cal, and banded coverage from 50 GHz through 1.1 THz depending on the connected N5256/N5262 frequency extenders. Banded waveguide S-parameters, power sweep with leveling, and antenna measurements from V-band through THz when used with VDI T/R extenders and a PNA/PNA-X.



MODEL

**Agilent / Keysight
N5262A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N5262A

LISTING

<https://aumictechlabs.com/products/n5262a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight N5262A is a PNA-X series microwave network analyzer, covering frequencies from 10 MHz to 26.5 GHz. It integrates a signal source, test set, and receiver, offering comprehensive measurement capabilities for active and passive components. Ideal for R&D and manufacturing environments requiring precision and speed. It features advanced error correction, fast measurement speed, and flexible connectivity options.

N5262A Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	4-port millimeter-wave test set controller
Series Family	Keysight N5261A / N5262A / N5292A
Host Analyzers	N522xB PNA or N524xB PNA-X
Port Count	4
Banded Coverage	waveguide bands from 50 GHz to 1.1 THz depending on extenders
Broadband Companion	10 MHz to 110 GHz broadband path uses N5290A/N5291A class systems, not this banded controller
Cable Kit 1	2.4 mm cables to 4-port N5224B/N5225B or N5244B/N5245B
Two Port Host Rule	2-port PNA/PNA-X with N5262A supports 2-port banded measurements only (requires Opt 551 on 2-port PNA-X or N522xA)
Rf Alc	automatic leveling at mmWave module RF input with standard cables, non-pulsed
Extender Cable 48 In	N5262A-501 single RF/LO/DC/IF set to one T/R module, 48 inch
Extender Cable 2 M	N5262A-502 single RF/LO/DC/IF set, 2 meters
Extender Cable 3 M	N5262A-503 single RF/LO/DC/IF set, 3 meters
Extender Cable 5 M	N5262A-505 single RF/LO/DC/IF set, 5 meters
Wr12 Frequency Standard	60 to 90 GHz with N5262BW12
Wr12 Frequency Extended	55 to 95 GHz with N5262BW12
Wr12 Test Port Power Typical	plus 18 dBm typical (N5262BW12 TxRx on PNA with N5262A)
Wr12 Directivity	30 dB
Wr12 Dynamic Range Typical	120 dB at 10 Hz IFBW (PNA/PNA-X with N5262BWxx)
Wr12 Dynamic Range Minimum	110 dB at 10 Hz IFBW
Wr12 Magnitude Stability	plus or minus 0.1 dB typical
Wr12 Phase Stability	plus or minus 1.5 deg typical
Wr15 Frequency Standard	50 to 75 GHz
Wr10 Frequency Standard	75 to 110 GHz
If Bandwidth For Dr Spec	10 Hz

PARAMETER	VALUE
Literature	Keysight Banded Millimeter Wave Network Analysis technical overview
Bandwidth	For Dr Spec: 10 Hz

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
Instrument Type	4-port millimeter-wave test set controller
Series Family	Keysight N5261A / N5262A / N5292A
Host Analyzers	N522xB PNA or N524xB PNA-X
Port Count	4
Banded Coverage	waveguide bands from 50 GHz to 1.1 THz depending on extenders
Broadband Companion	10 MHz to 110 GHz broadband path uses N5290A/N5291A class systems, not this banded controller
Cable Kit 104	3.5 mm cables to 4-port N5222B or N5242B
Cable Kit 108	2.4 mm cables to 4-port N5224B/N5225B or N5244B/N5245B
Cable Kit 114	1.85 mm cables to 4-port N5227B or N5247B
Two Port Host Rule	2-port PNA/PNA-X with N5262A supports 2-port banded measurements only (requires Opt 551 on 2-port PNA-X or N522xA)
Rf Alc	automatic leveling at mmWave module RF input with standard cables, non-pulsed
Extender Cable 48 In	N5262A-501 single RF/L0/DC/IF set to one T/R module, 48 inch
Extender Cable 2 M	N5262A-502 single RF/L0/DC/IF set, 2 meters
Extender Cable 3 M	N5262A-503 single RF/L0/DC/IF set, 3 meters
Extender Cable 5 M	N5262A-505 single RF/L0/DC/IF set, 5 meters
Wr12 Frequency Standard	60 to 90 GHz with N5262BW12
Wr12 Frequency Extended	55 to 95 GHz with N5262BW12
Wr12 Test Port Power Typical	plus 18 dBm typical (N5262BW12 TxRx on PNA with N5262A)
Wr12 Directivity	30 dB
Wr12 Dynamic Range Typical	120 dB at 10 Hz IFBW (PNA/PNA-X with N5262BWxx)
Wr12 Dynamic Range Minimum	110 dB at 10 Hz IFBW
Wr12 Magnitude Stability	plus or minus 0.1 dB typical
Wr12 Phase Stability	plus or minus 1.5 deg typical
Wr15 Frequency Standard	50 to 75 GHz

PARAMETER	VALUE
Wr10 Frequency Standard	75 to 110 GHz
If Bandwidth For Dr Spec	10 Hz
Literature	Keysight Banded Millimeter Wave Network Analysis technical overview

Notes

Controller identity, cable options, and ALC behavior from Keysight Banded Millimeter Wave Network Analysis technical overview (N5262A section). WR12/WR15/WR10 numeric rows are the N5262BWxx column of that overview's VDI extender comparison table when used with PNA/PNA-X and the N5262A controller.

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
NAICS 423690 · 811210 · 541380
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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.