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Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight N5225 Microwave Network analyzer 10 MHz to 50 GHz

Agilent Keysight N5225 PNA Microwave Network Analyzer 10 MHz to 50 GHz The Agilent/Keysight N5225 isaPNA microwave network analyzer covering 10 MHz to 50 GHz class for S-parameter characterization of microwave devices. Microwave passive and active device S-parameter test to 50 GHz. High performance S-parameter measurements The Agilent/Keysight N5225 isaPNA microwave network analyzer covering 10 MHz to 50 GHz class for S-parameter characterization of microwave devices. Microwave passive and active device S-parameter test to 50 GHz. High performance S-parameter measurements Electronic and mechanical calibration support



MODEL

**Agilent / Keysight
N5225**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N5225

LISTING

[https://aumictechlabs.c
om/products/n5225-2/](https://aumictechlabs.com/products/n5225-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight N5225 is a network analyzer designed for testing and characterizing RF and microwave components and systems. It has a wide frequency range and advanced measurement capabilities for demanding applications. research, development, and manufacturing environments.

N5225 Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Microwave vector network analyzer
Series Family	Keysight PNA N522x
Model Class	N5225
Frequency Range	10 MHz to 50 GHz
Measurement	S-parameters
Architecture	PNA microwave analyzer
Calibration	SOLT TRL ECal class
Application Class	microwave component characterization
Ports	configuration dependent 2 or multiport
Dynamic Range	high dynamic range PNA class
IF Bandwidth	configurable
Sweep	linear segment sweeps
Remote Interfaces	LAN GPIB class
Form Factor	benchtop microwave analyzer
Display	multi trace S-parameter display
Automation	SCPI
Sources	integrated synthesized sources
Receivers	coherent receivers
Connectors	2.4 mm or 2.92 mm class depending on config
Calibration Kits	mechanical and ECal
Use Stage	R&D manufacturing
Related	N5225BT signal integrity configurations
Family Peers	other N522x PNA models
Configuration Note	confirm exact port count and connector option from unit; pull full dynamic range tables from N5225 datasheet before denser upload

PARAMETER	VALUE
Bandwidth	configurable

N5225 Specifications

PARAMETER	VALUE
Applications	Microwave passive and active device S-parameter test to 50 GHz.
PNA microwave VNA platform	10 MHz to 50 GHz coverage class
Technical Specifications	Instrument Type: Microwave vector network analyzer

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.

performance S-parameter measurements
Electronic and mechanical calibration support
LAN GPIB automation class

Technical Specifications

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IF Bandwidth	configurable
Sweep	linear segment sweeps
Remote Interfaces	LAN GPIB class
Form Factor	benchtop microwave analyzer

Options: frequency and application options

Specifications

PARAMETER	VALUE
Display	multi trace S-parameter display
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PARAMETER	VALUE
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Configuration Note	confirm exact port count and connector option from unit; pull full dynamic range tables from N5225 datasheet before denser upload

Notes

Frequency coverage from Keysight N5225 product identification (10 MHz to 50 GHz). Expand full dynamic-range tables from the OEM PNA datasheet before upload.

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.