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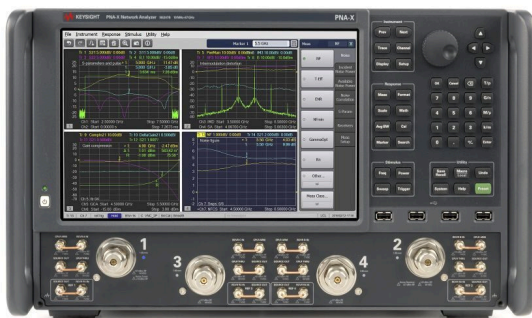
Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight N5245BM Microwave Network Analyzer Repair

Keysight N5245BM Microwave Network Analyzer Repair / active device characterization to 50 GHz to 50 GHz The Keysight N5245BM isaPNA/PNA-X solution configuration based on the N5245A analyzer. OEM N5245A technical data list 10 MHz to 50 GHz coverage, 1 Hz frequency resolution, plus or minus 1 ppm frequency accuracy, 50 ohm test ports, and 2-port or 4-port source/receiver options. Microwave Network Analyzer Repair / active device characterization to 50 GHz application software and fixtures ride on that VNA hardware. The Keysight N5245BM isaPNA/PNA-X solution configuration based on the N5245A analyzer. OEM N5245A technical data list 10 MHz to 50 GHz coverage, 1 Hz frequency resolution, plus or minus 1 ppm frequency accuracy, 50 ohm test ports, and 2-port or 4-port source/receiver options. Microwave Network Analyzer Repair / active device characterization to 50 GHz application software and fixtures ride on that VNA hardware. Microwave Network Analyzer Repair / active device characterization to 50 GHz using a 50 GHz PNA/PNA-X with multipoint calibration and the published N5245A dynamic-range tables.



MODEL

**Agilent / Keysight
N5245BM**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N5245BM

LISTING

<https://aumictechlabs.com/products/n5245bm-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight N5245BM PNA-X network analyzer works with comprehensive characterization of active and passive components. It combines a signal source, receiver, and measurement capabilities in a single instrument. Key features include wide dynamic range, low noise floor, and advanced error correction techniques. It supports a variety of measurement applications, including S-parameters, noise figure, and intermodulation distortion. The N5245BM provides a powerful platform for research, development, and production testing.

N5245BM Characteristics / Specifications

PARAMETER	VALUE
Model	N5245BM
Base Analyzer	N5245A
Instrument Type	PNA/PNA-X solution configuration
Frequency Range	10 MHz to 50 GHz
Frequency Resolution	1 Hz
Frequency Accuracy	plus or minus 1 ppm
Test Port Impedance	50 ohm
Test Port Connector	2.4 mm class
Port Options	2 port or 4 port
If Bandwidth	selectable including 10 Hz class on PNA-X
Remote Interfaces	LAN USB GPIB
Form Factor	benchtop PNA/PNA-X
Solution Name	Microwave Network Analyzer Repair / active device characterization to 50 GHz
Manufacturer	HP Agilent Keysight
Calibration	full 2-port or multiport TRL/SOLT as licensed
Dynamic Range	banded tables on the base analyzer OEM sheet
Source Architecture	single or dual source by option
Operating System	PNA Windows embedded UI
Minimum Frequency	10 MHz
Maximum Frequency	50 GHz
Application Software	Microwave Network Analyzer Repair / active device characterization to 50 GHz
System Family	Keysight PNA / PNA-X
Mains	100 to 240 VAC
Documentation	Keysight N5245A technical specifications applied to N5245BM

PARAMETER	VALUE
Bandwidth	selectable including 10 Hz class on PNA-X

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.

technical data list 10 MHz to 50 GHz coverage, 1 Hz frequency resolution, plus or minus 1 ppm frequency accuracy, 50 ohm test ports, and 2-port or 4-port source/receiver options. Microwave Network Analyzer Repair / active device characterization to 50 GHz application software and fixtures ride on that VNA hardware.

Applications

Microwave Network Analyzer Repair / active device characterization to 50 GHz using a 50 GHz PNA/PNA-X with multiport calibration and the published N5245A dynamic-range tables.

Key Features

Based on N5245A 50 GHz VNA

1 Hz frequency resolution

2-port or 4-port configurations

50 ohm coaxial test ports

Microwave Network Analyzer Repair / active device characterization to 50 GHz

Technical Specifications

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Notes

From Keysight N5245A PNA/PNA-X technical specifications applied to solution SKU N5245BM (Microwave Network Analyzer Repair / active device characterization to 50 GHz). Dynamic-range and power tables remain those of the installed N5245A hardware options.

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.