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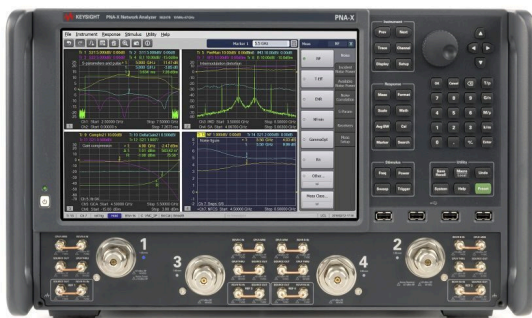
Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight N5247BM Active Device Characterization Solution

Keysight N5247BM Active Device Characterization Solution to 67 GHz The Keysight N5247BM isaPNA/PNA-X solution configuration based on the N5247A analyzer. OEM N5247A technical data list 10 MHz to 67 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. Active Device Characterization Solution application software and fixtures ride on that VNA hardware. Active Device Characterization Solution using a 67 GHz PNA/PNA-X with multiport calibration and the published N5247A dynamic-range tables. The Keysight N5247BM isaPNA/PNA-X solution configuration based on the N5247A analyzer. OEM N5247A technical data list 10 MHz to 67 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. Active Device Characterization Solution application software and fixtures ride on that VNA hardware. Active Device Characterization Solution using a 67 GHz PNA/PNA-X with multiport calibration and the published N5247A dynamic-range tables.



MODEL

**Agilent / Keysight
N5247BM**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N5247BM

LISTING

<https://aumictechlabs.com/products/n5247bm-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight N5247BM is a PNA-X network analyzer designed for demanding measurement applications. It combines a wide frequency range with fast sweep speeds and advanced calibration capabilities. This network analyzer is well-suited for characterizing active and passive components in aerospace, defense, and communication systems. Its advanced features enable accurate and reliable measurements, enhancing design and testing processes.

N5247BM Characteristics / Specifications

PARAMETER	VALUE
Model	N5247BM
Base Analyzer	N5247A
Instrument Type	PNA/PNA-X solution configuration
Frequency Range	10 MHz to 67 GHz
Frequency Resolution	1 Hz
Frequency Accuracy	plus or minus 1 ppm
Test Port Impedance	50 ohm
Test Port Connector	1.85 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	Active Device Characterization Solution
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	67 GHz
Application Software	Active Device Characterization Solution
System Family	Keysight PNA / PNA-X
Mains	100 to 240 VAC
Documentation	Keysight N5247A technical specifications applied to N5247BM
Bandwidth	selectable including 10 Hz class on PNA-X

N5247BM Specifications

PARAMETER	VALUE
Applications	Active Device Characterization Solution using a 67 GHz PNA/PNA-X with multiport calibration and the published N5247A dynamic-range tables.
Key Features	Based on N5247A 67 GHz VNA
Technical Specifications	Model: N5247BM

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 67 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. Active Device Characterization Solution application software and fixtures ride on that VNA hardware.

Applications

Active Device Characterization Solution using a 67 GHz PNA/PNA-X with multiport calibration and the published N5247A dynamic-range tables.

Key Features

Based on N5247A 67 GHz VNA

1 Hz frequency resolution

2-port or 4-port configurations

50 ohm coaxial test ports

Active Device Characterization Solution

Technical Specifications

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Notes
From Keysight N5247A PNA/PNA-X technical specifications applied to solution SKU N5247BM (Active Device Characterization Solution). Dynamic-range and power tables remain those of the installed N5247A 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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<https://aumictechlabs.com>

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30-day returns
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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.