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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight N5222BT Signal Integrity Evaluation up to 26.5 GHz

Keysight N5222BT Signal Integrity Evaluation up to 26.5 GHz to 26.5 GHz The Keysight N5222BT isaPNA/PNA-X solution configuration based on the N5222A/N5222B analyzer. OEM N5222A/N5222B technical data list 10 MHz to 26.5 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. Signal Integrity Evaluation up to 26.5 GHz application software and fixtures ride on that VNA hardware. Signal Integrity Evaluation up to 26.5 GHz using a 26.5 GHz PNA/PNA-X with multiport calibration and the published N5222A/N5222B dynamic-range tables. The Keysight N5222BT isaPNA/PNA-X solution configuration based on the N5222A/N5222B analyzer. OEM N5222A/N5222B technical data list 10 MHz to 26.5 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. Signal Integrity Evaluation up to 26.5 GHz application software and fixtures ride on that VNA hardware. Signal Integrity Evaluation up to 26.5 GHz using a 26.5 GHz PNA/PNA-X with multiport calibration and the published N5222A/N5222B dynamic-range tables.



MODEL

**Agilent / Keysight
N5222BT**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N5222BT

LISTING

<https://aumictechlabs.com/products/n5222bt-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Agilent/Keysight N5222BT is a PNA Microwave Network Analyzer, designed for precision testing of RF and microwave devices. Covering a frequency range from 10 MHz to 26.5 GHz, It has a wide dynamic range and fast measurement speeds, making it suitable for various applications, including amplifier, mixer, and filter testing. The N5222BT features advanced calibration techniques and supports multiple measurement parameters, ensuring accurate and reliable results. Its versatile connectivity options enable seamless integration into automated test systems.

N5222BT Characteristics / Specifications

PARAMETER	VALUE
Model	N5222BT
Base Analyzer	N5222A/N5222B
Instrument Type	PNA/PNA-X solution configuration
Frequency Range	10 MHz to 26.5 GHz
Frequency Resolution	1 Hz
Frequency Accuracy	plus or minus 1 ppm
Test Port Impedance	50 ohm
Test Port Connector	3.5 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	Signal Integrity Evaluation up to 26.5 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	26.5 GHz
Application Software	Signal Integrity Evaluation up to 26.5 GHz
System Family	Keysight PNA / PNA-X
Mains	100 to 240 VAC
Documentation	Keysight N5222A/N5222B technical specifications applied to N5222BT
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 26.5 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. Signal Integrity Evaluation up to 26.5 GHz application software and fixtures ride on that VNA hardware.

Applications

Signal Integrity Evaluation up to 26.5 GHz using a 26.5 GHz PNA/PNA-X with multiport calibration and the published N5222A/N5222B dynamic-range tables.

Key Features

Based on N5222A/N5222B 26.5 GHz VNA

1 Hz frequency resolution

2-port or 4-port configurations

50 ohm coaxial test ports

Signal Integrity Evaluation up to 26.5 GHz

Technical Specifications

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Notes
From Keysight N5222A/N5222B PNA/PNA-X technical specifications applied to solution SKU N5222BT (Signal Integrity Evaluation up to 26.5 GHz). Dynamic-range and power tables remain those of the installed N5222A/N5222B 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.