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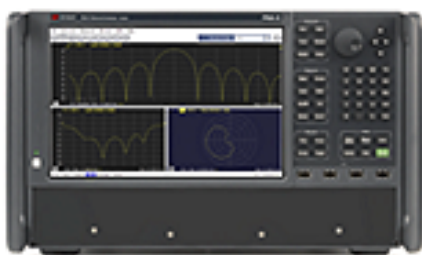
Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent / Keysight N5264B PNA-X Measurement Receiver for Antenna Test

Keysight / Agilent N5264B PNA-X Measurement Receiver for Antenna Test The Keysight/Agilent N5264B isaPNA-X measurement receiver configured for antenna-test and remote-mixer / distributed-receiver applications. OEM PNA-X antenna solutions literature positions the N5264B as a compact measurement receiver used with PNA-X sources and distributed LO/IF architectures for antenna and RCS ranges. Antenna pattern ranges, distributed multi-receiver antenna test, and PNA-X based RCS/antenna measurements. Instrument Type: PNA-X measurement receiver The Keysight/Agilent N5264B isaPNA-X measurement receiver configured for antenna-test and remote-mixer / distributed-receiver applications. OEM PNA-X antenna solutions literature positions the N5264B as a compact measurement receiver used with PNA-X sources and distributed LO/IF architectures for antenna and RCS ranges. Antenna pattern ranges, distributed multi-receiver antenna test, and PNA-X based RCS/antenna measurements. Instrument Type: PNA-X measurement receiver Platform Family: PNA-X antenna test solutions



MODEL

**Agilent / Keysight
N5264B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N5264B

LISTING

<https://aumictechlabs.com/products/n5264b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight N5264B PNA-X Measurement Receiver is a specialized instrument for antenna testing and RCS characterization across 10 MHz to 10.5 GHz. Operating as a dedicated receiver module within the PNA-X Network Analyzer ecosystem, it delivers five independent measurement channels with data acquisition speeds reaching 400,000 points per second - enabling rapid frequency-scan antenna measurements and time-domain RCS analysis when paired with external sources. The instrument replaces legacy 8530A and 8360 systems with up to 10× speed improvement while maintaining backward compatibility through built-in 8530A code emulation.

Technical Specifications
Frequency Range: 10 MHz to 10.5 GHz (measurement); 10 MHz to 26.5 GHz (internal LO with Option 108)
Measurement Channels: Five IF receivers (A, B, C, D, R)
Data Acquisition: 400,000 points/second across all channels
IF Frequency: Default 7.605634 MHz; adjustable ±14.9999 MHz
Power Range: -30 dBm to +20 dBm
Internal LO Output (Option 108): +10 dBm (fixed)
Frequency Counter: 10 MHz to 10.5 GHz CW
Signal Generator: 1.185 GHz
Power Sensor: 300 kHz to 3.0 GHz, -30 dBm to +20 dBm
Dimensions: 24 × 20 × 16 in; Weight: 50 lbs

Key Features
Five independent IF receiver channels for simultaneous multi-port measurements
Requires external mixers for down-conversion to IF frequency
Internal LO source available (Option 108) for remote mixer or frequency converter operation
Built-in 8530A/8360 code emulation for drop-in system replacement
No source ports or S-parameter capability; arbitrary ratioed parameters supported

Typical Applications
Antenna design, development, and verification in wireless communications
Radar cross-section (RCS) measurements and analysis
Aerospace and defense antenna characterization
Frequency-scan antenna measurements and time-domain RCS testing

Compatibility & Integration
Designed for integration with PNA-X Network Analyzer systems. is a direct replacement for Agilent/HP 8530A and 8360 legacy instruments. Requires external RF sources and mixers for frequency down-conversion.

N5264B Characteristics / Specifications

PARAMETER	VALUE
Model	N5264B
Instrument Type	PNA-X measurement receiver
Platform Family	PNA-X antenna test solutions
Primary Use	Antenna and distributed receiver measurements
Host Ecosystem	Keysight PNA-X network analyzer family
Rf Role	Measurement receiver (not a full standalone VNA)
Frequency Coverage	Follows N5264B / PNA-X antenna option tables
LO IF Architecture	Distributed LO/IF antenna-range class
Warmup Spec Class	Follow instrument warm-up guidance
Safety Class	Observe published maximum ratings
Chassis Form	Compact measurement receiver
Brand Lineage	Keysight / Agilent
Related Solutions	PNA-X antenna test configurations
Control Path	PNA-X system control / LAN class
Calibration	System calibration with PNA-X antenna methods
Dynamic Range Class	PNA-X receiver dynamic range class
Noise Floor Class	PNA-X measurement receiver noise class
Interfaces	System I/O per N5264B sheet
Power Class	AC powered receiver class
Operating Temperature Spec Class	Follow N5264B sheet
Documentation Scope	OEM N5264B / PNA-X antenna documentation
Installed Options	Determine frequency bands and connectors
Manufacturer Documentation	OEM datasheet and user documentation
Operating temperature	Spec Class: Follow N5264B sheet

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Spec Class: Follow N5264B sheet
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Documentation Scope	OEM N5264B / PNA-X antenna documentation
Installed Options	Determine frequency bands and connectors
Manufacturer Documentation	OEM datasheet and user documentation Notes From Keysight PNA-X antenna-test / N5264B measurement receiver documentation. Frequency and connector options are configuration-specific.

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	
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Installed Options	Determine frequency bands and connectors
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Notes	
From Keysight PNA-X antenna-test / N5264B measurement receiver documentation. Frequency and connector options are configuration-specific.	

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

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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.