

KEYSIGHT TECHNOLOGIES (AGILENT HP)

N5230C

The Keysight (formerly Agilent) N5230C is a PNA-L Series Microwave Vector Network Analyzer designed for general-purpose network analysis. It offers a balance of value and performance, providing up to 50 GHz of frequency coverage, up to 4 ports, and a Windows-based operating system for extensive connectivity and automation capabilities.

SPECIFICATIONS

General

Interfaces	USB, LAN, GPIB
Display	8.4-inch color LCD touch screen
Warm-up Time	90 minutes (for guaranteed specifications)

Physical

Operating Temperature	0 to 40 °C °C
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System Specifications

Frequency Range	300 kHz to 6 GHz / 13.5 GHz / 20 GHz, or 10 MHz to 40 GHz / 50 GHz (option dependent)
Number of Ports	2 or 4 (4-port available up to 20 GHz)
Test Port Connectors	3.5 mm ruggedized male (models up to 20 GHz) / 2.4 mm ruggedized male (40 and 50 GHz models)
Impedance	50 Ω

Source Specifications

Internal Sources	1
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Measurement Capabilities

Number of Channels	32
Time Domain Analysis	Optional
Frequency-Offset Capability	Optional
Sweep Types	Linear frequency, CW frequency, Power, Segmented frequency
Measurement Parameters	S-parameters (S11, S21, S12, S22 base; up to S44 for 4-port models)

Calibration

ECal Support	Yes (optional ECal modules)
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Processing and Display

Operating System	Windows
Internal Storage	Hard disk drive
Automation Environment	COM/DCOM

Performance

Source Power Resolution	0.01 dB
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TECHNOLOGY

Vector Network Analysis

APPLICATIONS

General-purpose microwave device test, design, and production

Generated by SpecAtlasHub (specatlashub.com). Specifications are compiled from available sources and are subject to change — verify critical values against the manufacturer before purchase.