

KEYSIGHT TECHNOLOGIES (AGILENT HP)

E8362C

The Keysight (formerly Agilent) E8362C is a high-performance Vector Network Analyzer (VNA) from the Microwave PNA Series, covering 10 MHz to 20 GHz. Designed for demanding general-purpose network analysis, it provides a highly accurate platform with 123 dB of dynamic range, exceptionally low trace noise, and fast measurement speeds below 26 μ s per point. It supports extensive optional software and hardware configuration for advanced applications including multiport, pulsed-RF, mixer, and amplifier characterizations.

SPECIFICATIONS

General

Display	26.4 cm (10.4 inch) TFT color LCD with touch screen
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Physical

Operating Temperature	0 to 40 °C °C
Weight	28.1 kg

Frequency Characteristics

Frequency Range	10 MHz - 20 GHz
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Measurement & Processing

Number of Channels	32
Number of Points per Sweep	Up to 20,001
Markers	10 independent markers per trace (includes reference marker for delta operations)

Measurement Capabilities

Display Formats	Log or linear magnitude, SWR, phase, group delay, real and imaginary, Smith chart, polar
Limit Testing	Visual limit lines for pass/fail (go/no-go) testing

Connectivity & Interfaces

Test Port Connectors	3.5 mm (male)
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Frequency

Frequency Resolution	1 Hz
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Test Ports

Nominal Impedance	50 Ω
Damage Level	+30 dBm, 40 VDC

Inputs & Outputs

External Reference Input Frequency	10 MHz
External Reference Output Frequency	10 MHz
External Trigger Input	BNC (female), TTL/CMOS compatible
External Trigger Output	BNC (female), TTL compatible

TECHNOLOGY

Vector Network Analysis

APPLICATIONS

RF and microwave component testing, amplifier characterization, mixer measurements, antenna testing, in-fixture and on-wafer probing

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