

KEYSIGHT TECHNOLOGIES (AGILENT HP)

E8362B

The Keysight (formerly Agilent) E8362B is a high-performance 2-port Vector Network Analyzer belonging to the PNA Series. Designed to provide a combination of speed and precision for demanding high-frequency component test requirements, it features a frequency range of 10 MHz to 20 GHz and a 123 dB dynamic range.

SPECIFICATIONS

General

Display	10.4-inch color LCD touchscreen (800 x 600 SVGA)
Display Resolution	800 x 600 (SVGA)

Physical

Operating Temperature	0 to 40 °C
Weight	28.1 kg

Frequency Characteristics

Frequency Range	10 MHz to 20 GHz
Frequency Resolution	1 Hz
IF Bandwidth Settings	1 Hz to 40 kHz

Connectivity & Interfaces

Test Port Connectors	3.5 mm (male)
Test Port Impedance	50 Ω
Number of Test Ports	2
External Reference Input	10 MHz
External Reference Output	10 MHz

Measurement Capabilities & Options

Measured Parameters	S11, S21, S12, S22
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Measurements & Display

Number of Measurement Channels	Up to 32 independent channels
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Sweep Options

Sweep Types	Linear frequency, log frequency, CW, power, segmented
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Output Power

Power Setting Resolution	0.01 dB
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Error Correction

Calibration Types Supported	SOLT, SOLR, TRL, LRM, ECal
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Options & Features

Time Domain Capability	Option 010
Configurable Test Set	Option 014
Frequency Offset Mode	Option 080
Reference Receiver Access	Option 081

Test Port Specifications

Test Port Damage Level	+30 dBm, 40 VDC
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Performance

Warm-up Time	90 minutes (for specified accuracy)
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Control & Triggering

Trigger Sources	Internal, External, Manual
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TECHNOLOGY

Vector Network Analysis

APPLICATIONS

High-frequency RF and microwave component testing

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