

KEYSIGHT TECHNOLOGIES (AGILENT HP)

E8358A

The Agilent E8358A is a 300 kHz to 9 GHz vector network analyzer from the PNA Series, engineered to deliver speed and precision for component testing. Outfitted with a 2-port configuration, it natively supports advanced measurements for active devices and in-fixture components by integrating standard bias-tees, standard direct receiver access for extended dynamic range, and four-receiver enabled TRL/LRM calibration capabilities.

SPECIFICATIONS

General

Interfaces	LAN (10/100 Base-T), GPIB (IEEE-488), USB, VGA, Parallel
Display	8.4-inch color LCD touch screen

General Characteristics

Model Number	E8358A
Number of Test Ports	2
System Impedance	50 Ω
Internal Operating System	Windows

Frequency Characteristics

Frequency Range	300 kHz to 9 GHz
Frequency Resolution	1 Hz

System Performance

Measurement Parameters	S11, S21, S12, S22
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Performance

Sweep Modes	Linear frequency, CW frequency, Segmented, Power sweep
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Software & Display

Display Formats	Log magnitude, linear magnitude, SWR, phase, group delay, polar, Smith chart
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Control

Trigger Modes	Internal, External, Manual
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Options & Upgrades

Time Domain Capability	Available (Option 010)
Configurable Test Set	Available (Option 014)
Frequency Offset Mode	Available (Option 080)

Features

Electronic Calibration (ECal)

Natively supported via USB

TECHNOLOGY

Vector Network Analysis

APPLICATIONS

Component Testing, RF/Microwave R&D, Manufacturing, In-fixture and On-wafer Device 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.