

KEYSIGHT TECHNOLOGIES (AGILENT HP)

E9327A

Keysight (Agilent/HP) E9327A is an RF/microwave peak and average power sensor covering 50 MHz to 18 GHz. It provides 5 MHz video bandwidth for time-gated peak, average, and peak-to-average measurements when used with compatible Keysight power meters.

SPECIFICATIONS

General

Interfaces	Meter sensor interface only; no direct USB/LAN/GPIB
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Measurement Performance

Frequency range	50 MHz to 18 GHz
Video bandwidth (max)	5 MHz
Measurement modes	Time-gated peak, average, and peak-to-average ratio (via compatible meter)
Average-only mode power range	−60 dBm to +20 dBm
Normal mode power range	−40 dBm to +20 dBm
Rise/fall time (high VBW)	<0.2 μs

RF Input and Damage Limits

RF input connector	Precision Type-N
Nominal impedance	50 Ω

Meter Compatibility and Features

Compatible power meters	Keysight/Agilent EPM-P series and P-Series power meters
Time-gated measurements	Supported when used with compatible meters
Peak-to-average ratio measurement	Supported (via compatible meter)

Software and Utilities

Data transfer path	Readings available via compatible meter's GPIB interface
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Power

Power source	Powered via compatible power meter
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Ordering Information

Model number	E9327A
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APPLICATIONS

Time-gated peak, average, and peak-to-average ratio power measurements on W-CDMA/E-CDMA/cdma2000 signals (with compatible meters).

