

SONOMA INSTRUMENT 310 AMPLIFIER 9 kHz - 1 GHz LINE INPUT OUTPUT

Agilent 11909A Low Noise Amplifier

Data Sheet

Agilent 11909A Specifications

Frequency range: 9 kHz to 1 GHz (-3 dB)

Amplifier gain: 32 dB \pm 1.5 dB @ 100 MHz

Gain flatness: \pm 0.5 dB (25 kHz to 800 MHz)

Noise figure: 2.5 dB max (1.8 dB typical)

Gain compression

@ 1 dB: +10 dBm

Impedance: 50 ohms

Input return loss: 8 dB

Output return loss: 10 dB

Reverse isolation: 35 dB

Maximum input: ±2 V absolute maximum

±24 mV for linear operation

(approximate)

General Specifications

Temperature range: Operating 0 °C to 55 °C

Storage –25 °C to 75 °C

Power

requirements: 100, 120, 220, or 240 V AC \pm 10%

50 to 60 Hz, 10 VA

Weight: 3.3 lbs/1.5 kg

Dimensions: 91 mm H, 109 mm W, 183 mm D

3.6" H, 4.3" W, and 7.2" D

Input/output

connector: Type "N"

Warranty: 1 year



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