

Agilent 11909A Low Noise Amplifier Data Sheet

Agilent 11909A Specifications

Frequency range	9 kHz to 1 GHz (-3 dB)	
Amplifier gain	32 dB ± 1.5 dB @ 100 MHz	
Gain flatness	\pm 0.5 dB (25 kHz to 800 MHz)	
Noise figure	2.5 dB max and 1.8 dB typ. (5~500 MHz) 2.5 dB typ. (1 GHz)	
Output power @ 1 dB compression	+10 dBm	
Impedance	50 ohms	
Input return loss	8 dB	
Output return loss	10 dB	
Reverse isolation	35 dB	
Maximum input for linear operation	±24 mV (approximate)	
Input damage level	±2 V DC	
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 50/60 Hz, 20 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	Туре "N"	
Warranty	1 year	







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