



Agilent 11909A

Low Noise Amplifier

Data Sheet



Agilent 11909A Specifications

Frequency range:	9 kHz to 1 GHz (-3 dB)
Amplifier gain:	32.5 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:	7.3 dB
Output return loss:	11.3 dB
Reverse isolation:	35 dB
Maximum input:	\pm 2 V Absolute Maximum \pm 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:	3.6" H, 4.3" W, and 7.2" D (91 mm H, 109 mm W, 183 mm D)
Input/output connector:	Type "N"
Warranty:	1 year



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Printed in U.S.A. April 09, 2001
5968-1373E



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