



HA3004

General Description

The HA3004 is a high gain, low noise amplifier. It is designed for low gain variation and high output power. The device operates from +15°C to +35°C.

Electrical Performance

Typical Data @25 °C

Parameter	Min	Typ	Max	Units
Frequency Range	3.1		3.5	GHz
Gain	25		26	dB
Gain Flatness		± 0.5		dB
Noise Figure		2.3	2.5	dB
Power Output @P _{1dB}	15			dBm
Input VSWR			2.0:1	
Output VSWR			2.0:1	
Temperature Range	+15		+35	°C
DC Voltage		15.0		V
DC Current (max)		200.0		mA
RF Connectors	SMA-f			
DC Connectors	Feed-thru			
Size	1.5 x .86 x .32			inch

Rev. 1.0