HA6002

General Description

The HA6002 is an amplifier for applications up to Ku-Band.

The high gain, good flatness, low noise figure and high output power makes this device an ideal choice as a low noise driver amplifier in the frequency range from 14.0GHz to 16.4GHz.

The device operates from –40°C to +55°C.

Electrical Performance

Typical Data @25 °C

Parameter	Min	Typ	Max	Units
Frequency Range	14.0		16.4	GHz
Gain	62.0	65.0		dB
Gain Flatness		± 1.3	± 1.6	dB
Noise Figure		6.0	8.0	dB
Power Output@P_{1dB}	25.0	27.0		dBm
Input VSWR		1.8:1	2.0:1	
Output VSWR		1.8:1	2.0:1	
Temperature Range	-40		+55	°C
DC Voltage	10.0	12.0	15.0	V
DC Current			1300.0	mA
Package	tbd			
Size	tbd			mm

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