

**Features: (typical values)**

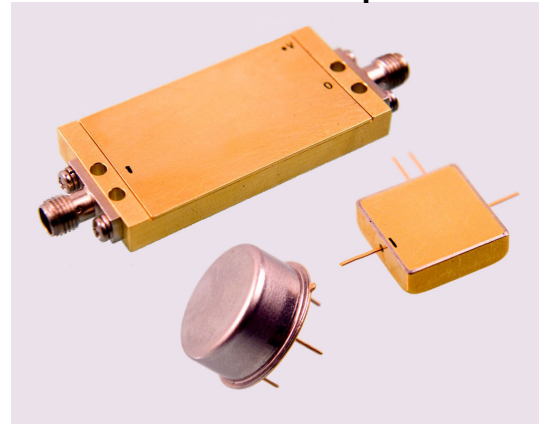
- Output Power ..... +32dBm.
- Low Noise ..... 1.6 dB
- High Gain .....+30 dB

**Maximum Ratings**

Storage Temperature ..... -62°C to +125°C  
 DC Voltage ..... +15volts  
 RF Input Power .....+10dBm.  
 Case Temperature ..... +95°C

Specifications (Referenced to 50 ohms Impedance)

**100-200 MHz  
Power Amplifier**



Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		100	200	MHz.
Gain	30	28		dB.
Gain Flatness	±0.5		±1.0	dB.
Pout @ 1dB Comp	+32.0	+31.0		dBm.
NF	1.6		2	dB.
OIP <sub>3</sub> (two-tone)	45	41.0		dBm.
VSWR	1.5:1		1.6:1	dB
Supply Required	+15/400		+15/500	v/mA.

Min. and max. values are from -20°C to +70°C

