

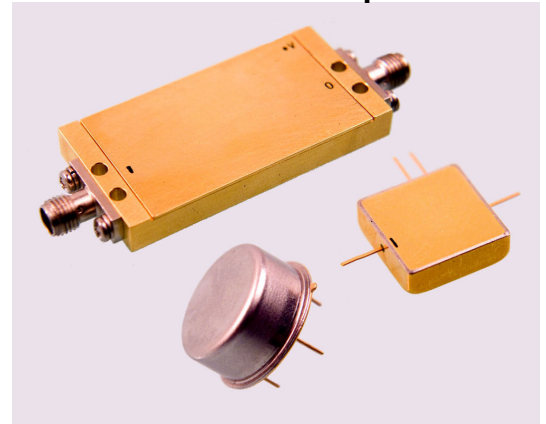
**Features: (typical values)**

- Output Power ..... +30dBm.
- Low Noise ..... 0.8 dB
- High Gain ..... +28 dB

**Maximum Ratings**

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

**300-1000 MHz  
Power Amplifier**



Specifications (Referenced to 50 ohms Impedance)

Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		300	1000	MHz.
Gain	28	26		dB.
Gain Flatness	±0.5		±1.0	dB.
Pout @ 1dB Comp	+30.0	+29.0		dBm.
NF	0.8		1.0	dB.
OIP <sub>3</sub> (two-tone)	43	40.0		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

