

Features: (typical values)

- High Gain +27.0 dB.
- Low NF 3.5 dB.
- High Output Power +37.0 dBm.
- Low cost

Maximum Ratings

Storage Temperature -40°C to +125°C
 DC Voltage +14 volts
 RF Input Power +5 dBm.
 Case Temperature +95°C

400-700 MHz Ultra Linear 5 Watt Amplifier



Electrical Specifications (Referenced to 50 ohms)

Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		400	700	MHz.
Gain	27.0	26.0		dB.
Gain Flatness	±0.4		±1.0	dB.
Reverse Isolation	45			dB.
Pout @ 1dB Comp	38.0	37.0		dBm.
Noise Figure	2.3		3.7	dB.
VSWR (Input/Output)	1.6/1.9		2:1/2.5:1	dBm.
Supply Required	+12/1600		+12/1800	v/mA.

Pin Configuration

Pin #	Description
1	Input
2,4	Ground
3	Vcc
5	Output

