

Features: (typical values)

- Low Noise Figure 2.5 dB
- Power Out 23dBm.
- Gain17dB.
- Input IP3 +22dBm

Maximum Rating

Operating Temperature -20°C to +75°C
Survival Temperature -55°C to +125°C
DC Voltage +15volts
RF Input Power +15dBm.
Case Temperature +100°C

**500-3000 MHz
Cascade Amplifier**



Specifications (Referenced to 50 ohms)

Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		500	3000	MHz.
Gain	17	16	19	dB.
Gain Flatness	±0.5		±1.0	dB.
Gain Variation	±1.5			dB.
Noise Figure	2.5		3.5	dB.
Pout @ P1dB	+23	+22		dBm.
Input IP3	+22	+20		dBm.
Input IP2	+32	+30		dBm.
VSWR In/Out	1.7:1		2.0:1	Ratio
DC Voltage	+15		+15	V
DC Supply Current	200		250	mA
Operating Temperature		-20	+75	C

OUTLINE

