

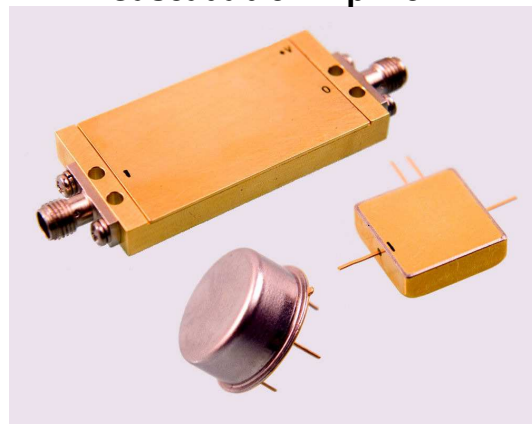
Features: (typical values)

- Noise Figure 4.0 dB.
- Med Power 15 dB.
- Low Cost

Maximum Ratings

Storage Temperature -62°C to +125°C
 DC Voltage +17 volts
 RF Input Power +7.0 dBm.
 Case Temperature +100°C

5-400 MHz Cascadable Amplifier



Specifications (Referenced to 50 ohms)

Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		5	400	MHz.
Gain	15	14		dB.
Gain Flatness	±0.3		±0.5	dB.
Gain Var. over temp	0.6			ΔdB.
Pout @ 1dB Comp	+15	+13		dBm.
Noise Figure	4.0		5.0	dB.
Reverse Isolation	20			dB.
IP ₃ /IP ₂ (two-tone)*	25/29			dBm.
HIP2 (2 nd harm.)	32			dBm.
VSWR In/Out	1.5:1		2.0:1	
Supply Required	+15/25		+15/30	v/mA.

Min. and max. values are from -55°C to +85°C

*IP₃ and IP₂ are in band output intercept points

