

Features: (typical values)

- Wide Band... 4.0 dB.
- Med Power 15 dB.

Maximum Ratings

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

500-2000 MHz Cascadable Amplifier



Specifications (Referenced to 50 ohms)

Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		500	2000	MHz.
Gain	16	14		dB.
Gain Flatness	±0.3		±0.5	dB.
Gain Var. over temp	0.6			ΔdB.
Pout @ 1dB Comp	+26	+25		dBm.
Noise Figure	4.0		5.0	dB.
Reverse Isolation	25			dB.
IP ₃ /IP ₂ (two-tone)*	40/50	38/45		dBm.
HIP2 (2 nd harm.)	55			dBm.
VSWR In/Out	1.5:1		2.0:1	
Supply Required	+15/200		+15/260	v/mA.

Min. and max. values are from -55°C to +85°C
 *IP3 and IP2 are in band output intercept points

