

Features: (typical values)

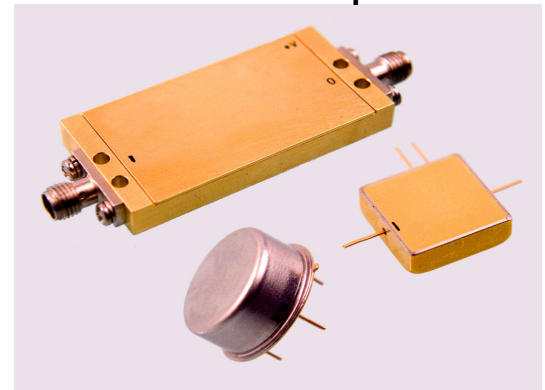
- Output Power27.0 dBm
- Noise Figure 4.0 dB.
- High Gain 13.0 dB.

Maximum Ratings

Storage Temperature -62°C to +125°C
DC Voltage +17 volts
RF Input Power +18 dBm.
Case Temperature +125°C

Specifications (Referenced to 50 ohms)

10-1000 MHz Cascadable Amplifier



Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		10	1000	MHz.
Gain	13	12		dB.
Gain Flatness	±0.6		±1.0	dB. p-p
Gain Var. over temp	0.6			dB.
Pout @ 1dB Comp	+27.0	+26.0		dBm.
Noise Figure	4.0		8.0	dB.
Reverse Isolation	-18		-17	dB.
IP ₃ /IP ₂ (two-tone)*	40/48			dBm.
VSWR In/Out	1.75:1		2.0:1	
Supply Required	+15/185		+15/195	v/mA.

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

*IP₃ and IP₂ are in band output intercept points

