

Features: (typical values)

- Bandwidth 500-2000 MHz.
- Power Out 26 dBm
- Medium Gain20 dB.
- Reverse Polarity Protection

Maximum Ratings

Storage Temperature -62°C to +125°C
 DC Voltage +17 volts
 RF Input Power +20.0 dBm.
 Case Temperature +100°C

500-2000 MHz Amplifier



Specifications (Referenced to 50 ohms)

Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		500	2000	MHz.
Gain	20	18		dB.
Gain Flatness	±0.35		±0.50	dB.
Gain Var. over temp	0.6			ΔdB.
Pout @ 1dB Comp	+26	+25		dBm.
Noise Figure	2.5		5.0	dB.
Reverse Isolation	35			dB.
IP ₃ /IP ₂ (two-tone)*	37/50	35/45		dBm.
VSWR In/Out	1.4:1		1.5:1	
Supply Required	+15/270		+15/290	v/mA.

Min. and max. Values are from -40°C to +75°C

*IP₃ and IP₂ are in band output intercept points

