

Features: (typical values)

- Bandwidth1700-5900 MHz
- Power Out12 dBm.
- Gain25 dB.
- Noise Figure.....3.0 dB.
- IP₃23 dBm.
- Internal Voltage Regulator

**1700 - 5900 MHz
Cascade Amplifier**



Maximum Ratings

Storage Temperature -62°C to +125°C
 DC Voltage +28 volts
 RF Input Power +10 dBm.
 Case Temperature +100°C

Specifications (Referenced to 50 ohms)

Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		1700	5900	MHz.
Gain	25	23		dB.
Gain Flatness	±0.75		±1.0	dB.
Gain Var. over temp	1.0			ΔdB.
Pout @ 1dB Comp	+12	+10		dBm.
Noise Figure	3.0		3.5	dB.
IP3	22			dBm.
VSWR In/Out	1.7:1		2.0:1	
Supply Required	+28/250		+28/270	v/mA.

Min. and max. Values are from -20°C to +75°C

