

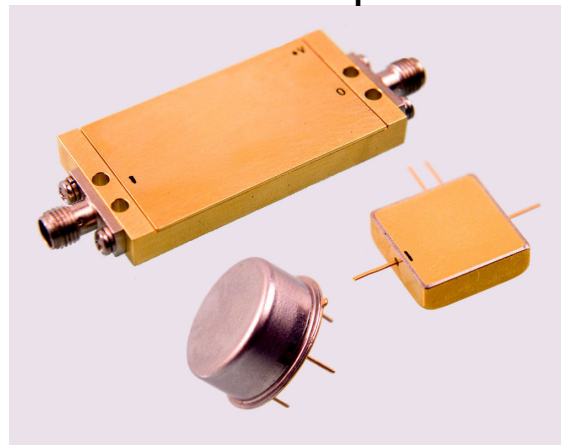
Features: (typical values)

- Low Noise Figure 4.5 dB.
- Medium Output Power +27.0 dBm.
- High IP3 +37 dBm.
- Gain 12dB

Maximum Ratings

- Storage Temperature -62°C to +125°C
- DC Voltage +17 volts
- Continuous RF Input Power +15.0 dBm.
- Short Term RF input Power +23dbm for 1min
- Peak RF Input Power +27dbm for 3usec
- Case Temperature +125°C

20-3000 MHz Cascade Amplifier



Specifications (Referenced to 50 ohms)

Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		20	3000	MHz.
Gain (Note 1)	12.0	11.5	13.5	dB.
Pout @ 1dB Comp	+27.0	+26		dBm.
Noise Figure From 50-3000MHz	4.5		5.0	dB.
Reverse Isolation	-20.0			dB.
IP ₃ (two-tone)*	+37.0	35		dBm.
IP ₂ (two-tone)	50.0	45		dBm
VSWR In/Out	1.8:1		2.0:1	
Supply Required	+12/350		+15/400	v/mA.

Min. and max. values are from 0°C to +55°C

*IP3 is an in band output intercept point @ +15 dBm. Per tone @1500 MHz @25C

