

MEDH-133

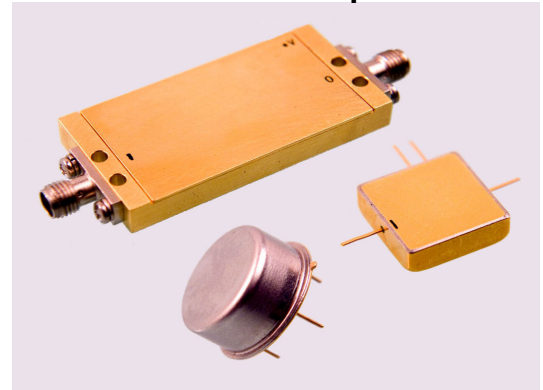
Features: (typical values)

- Wide Band 10-500 MHz.
- Noise Figure 4.5dB.
- Med Gain 10.3 dB.

Maximum Ratings

Storage Temperature -62°C to +125°C
 DC Voltage +17 volts
 RF Input Power +10.0 dBm.
 Case Temperature +100°C

**10-500 MHz
Cascadable Amplifier**



Specifications (Referenced to 50 ohms)

Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		10	500	MHz.
Gain	10.3	9.8	10.8	dB.
Gain Flatness	0.6		1.0	dB. p-p
Gain Var. over temp	0.6		+0.5/-1.0	dB.
Pout @ 1dB Comp	+16	+14.5		dBm.
Noise Figure	4.5		4.9	dB.
Reverse Isolation	25	24		dB.
IP ₃ /IP ₂ (two-tone)*	29/45	28/44		dBm.
VSWR In/Out	1.5:1		1.6:1	
Supply Required	+15/57		+15/60	v/mA.

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

