

ASC2857

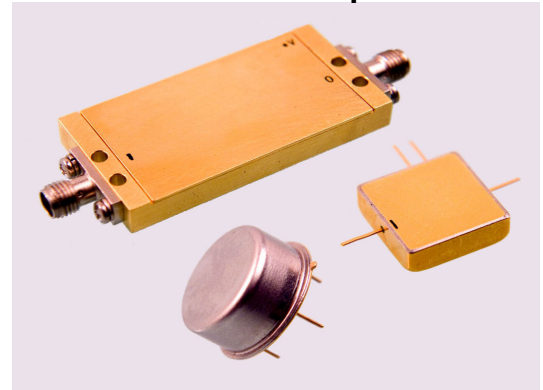
Features: (typical values)

- Output Power21.5 dBm
- Noise Figure 2.5 dB.
- High Gain 23.5 dB.

Maximum Ratings

Storage Temperature -62°C to +125°C
 DC Voltage +17 volts
 RF Input Power +20 dBm.
 Case Temperature +125°C

**100-600 MHz
 Cascadable Amplifier**



Specifications (Referenced to 50 ohms)

Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		100	600	MHz.
Gain	23.5	22		dB.
Gain Flatness	±0.6		±1.0	dB. p-p
Gain Var. over temp	0.6			dB.
Pout @ 1dB Comp	+21.5	+20.0		dBm.
Noise Figure	2.5		4.0	dB.
Reverse Isolation	-35		-33	dB.
IP ₃ /IP ₂ (two-tone)*	36/52			dBm.
VSWR In/Out	1.5:1		2.0:1	
Supply Required	+15/95		+15/100	v/mA.

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

