

ASC2859

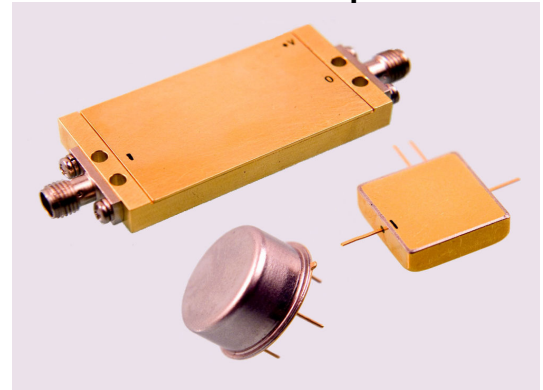
Features: (typical values)

- Output Power14.0 dBm
- Noise Figure 1.1 dB.
- High Gain 22.0 dB.

Maximum Ratings

Storage Temperature -62°C to +125°C
 DC Voltage +15 volts
 RF Input Power +20 dBm.
 Case Temperature +125°C

**20-500 MHz
 Cascadable Amplifier**



Specifications (Referenced to 50 ohms)

Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		20	500	MHz.
Gain	22	21		dB.
Gain Flatness	±0.6		±1.0	dB. p-p
Gain Var. over temp	0.6			dB.
Pout @ 1dB Comp	+14.0	+13.5		dBm.
Noise Figure	1.1		4.5	dB.
Reverse Isolation	-29		-28	dB.
IP ₃ /IP ₂ (two-tone)*	28/40			dBm.
VSWR In/Out	1.5:1		2.0:1	
Supply Required	+15/27		+15/30	v/mA.

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

