

# ASC2815C

**1000-2000 MHz  
Cascade Amplifier**



**Features: (typical values)**

- Low Noise Figure .....0.6 dB
- Power Out ..... 15dBm.
- Gain .....40dB.

**Maximum Ratings**

Operating Temperature ..... -20°C to +60°C  
 Storage Temperature ..... -20°C to +125°C  
 DC Voltage ..... +12.0volts  
 RF Input Power ..... - 20 dBm.  
 Case Temperature ..... +100°C

Specifications (Referenced to 50 ohms)

Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		1000	2000	MHz.
Gain	40	38		dB.
Gain Flatness	±0.75		±1.6	dB.
Pout @ P1dB	+15	+10		dBm.
Noise Figure	0.6		1.0	dB.
VSWR In/Out	1.8:1		2.0:1	Ratio
Impedance, Input/Output	50 Ohm			
Supply Required	+12/130		+12/150	v/mA.

## OUTLINE

