

# ASC2615C

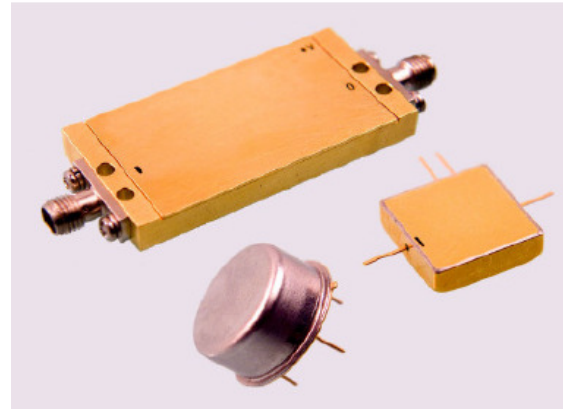
**Features: (typical values)**

- Bandwidth ..... 200-2000 MHz.
- Power Out ..... 20 dBm
- Medium Gain .....20 dB.
- Reverse Polarity Protection Optional

**Maximum Ratings**

Storage Temperature ..... -62°C to +125°C  
 DC Voltage ..... +17 volts  
 RF Input Power .....+10 dBm.  
 Case Temperature ..... +100°C

**200-2000 MHz Amplifier**



Specifications (Referenced to 50 ohms)

Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		200	2000	MHz.
Gain	20	16		dB.
Gain Flatness	±0.7		±1.0	dB.
Gain Var. over temp	0.6			ΔdB.
Pout @ 1dB Comp	+20	+19		dBm.
Noise Figure	0.9		1.0	dB.
IP <sub>3</sub> @ two input tone of +5dBm	30			dBm.
VSWR In/Out	1.8:1		2.0:1	
Supply Required	+15/75		+15/100	v/mA.

Min. and max. Values are from -20°C to +70°C

