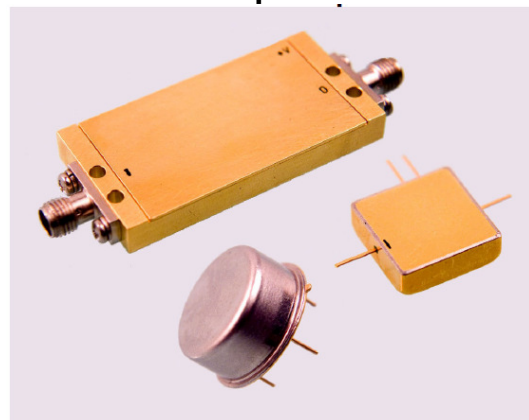


# ASC2674C

**Features: (typical values)**

- Bandwidth ..... 10-1500 MHz.
- Power Out ..... 23 dBm
- Gain .....12 dB.

**10 - 1500 MHz  
Amplifier**



**Maximum Ratings**

Storage Temperature ..... -62°C to +150°C  
 DC Voltage ..... +17 volts  
 RF Input Power .....27 dBm.  
 Operating Case Temperature .....-55°C to +85°C

Specifications (Referenced to 50 ohms)

Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		10	1500	MHz.
Gain	12	11		dB.
Gain Flatness	±0.5		±1.0	dB.
Gain Var. over temp	1.0			ΔdB.
Pout @ 1dB Comp	+23	+20		dBm.
Noise Figure	2.5*		3.5*	dB.
IP <sub>3</sub> @ two input tone of +10dBm	35			dBm.
IP <sub>2</sub> @ two input tone of +10dBm	55			dBm.
VSWR In/Out	2.0:1		2.2:1	
Supply Required	+15/100			v/mA.

\* Specification applies at F greater than 100 MHz; NF @ 10 MHz = 8 dB typical.  
 Min. and max. Values are from -55°C to +85°C

**.ACTUAL OUTLINE FOR ASC2674C**

