

ASC2691C

**600-3000 MHz
Amplifier**



Features: (typical values)

- Bandwidth 600-3000 MHz.
- Power Out 18 dBm
- Medium Gain27 dB.
- Noise Figure.....1.2 dB.
- Reverse Polarity Protection Optional

Maximum Ratings

Storage Temperature -62°C to +125°C
 DC Voltage +12 volts
 RF Input Power0 dBm.
 Case Temperature +100°C

Specifications (Referenced to 50 ohms)

Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		600	3000	MHz.
Gain	27	25		dB.
Gain Flatness	±1.0		±1.5	dB.
Pout @ 1dB Comp	+18	+15		dBm.
Noise Figure	1.2		1.5	dB.
IP ₃ @ two input tone of +5dBm	33	25		dBm.
VSWR In/Out	1.8:1		2.0:1	
Supply Required	+12/150		+12/200	v/mA.

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

