

ASC2601C

1200-1700 MHz Amplifier



Features: (typical values)

- Bandwidth1200-1700 MHz.
- Power Out 13 dBm
- Medium Gain20 dB.
- Low Noise.....1.5 dB.
- Reverse Polarity Protection Optional

Maximum Ratings

Storage Temperature -62°C to +125°C
 DC Voltage +15 volts
 RF Input Power13 dBm.
 Case Temperature +100°C

Specifications (Referenced to 50 ohms)

Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		1200	1700	MHz.
Gain	20	19		dB.
Gain Flatness	±0.5		±1.0	dB.
Gain Var. over temp	0.6			ΔdB.
Pout @ 1dB Comp	+13	+8		dBm.
Noise Figure	1.5		1.8	dB.
IP ₃ @ two input tone of +10dBm	37			dBm.
VSWR In/Out	1.7:1		2.5:1	
Supply Required	+15/75		+15/100	v/mA.

Min. and max. Values are from -20°C to +75°C

