

ASC2600C

1200-1700 MHz Amplifier



Features: (typical values)

- Bandwidth1200-1700 MHz.
- Power Out 26 dBm
- Medium Gain30 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 Power10 dBm.
 Case Temperature +100°C

Specifications (Referenced to 50 ohms)

Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		1200	1700	MHz.
Gain	30	29		dB.
Gain Flatness	±0.5		±1.0	dB.
Gain Var. over temp	0.6			ΔdB.
Pout @ 1dB Comp	+26	+25		dBm.
Noise Figure	1.5		1.8	dB.
IP ₃ @ two input tone of +10dBm	37			dBm.
VSWR In/Out	1.7:1		2.4:1	
Supply Required	+15/300		+15/350	v/mA.

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

