

ASC2616C

54 MHz-870 MHz Amplifier

Features: (typical values)

- Bandwidth 54MHz-870MHz.
- Noise Figure 4.0 dB.
- Medium Gain22 dB.

Maximum Ratings

Storage Temperature -55°C to +100°C
 DC Voltage +14 volts
 RF Input Power +10.0 dBm.
 Case Temperature +100°C



Specifications (Referenced to 50 ohms)

Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		54	870	MHz.
Gain	22	20		dB.
Gain Flatness	±0.5		±2.0	dB.
Gain Var. over temp			±1.5	ΔdB.
Noise Figure	4		5.0	dB.
Reverse Isolation	30			dB.
Output 1 dB Compression Point	+32.0	+30		dBm.
IP3	45	44		dBm.
VSWR In/Out	1.6:1		1.8:1	
Supply Required	+12/550		+12/600	v/mA.

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

