

ASC2631C

2200-2400 MHz Amplifier

Features: (typical values)

- Bandwidth 2200-2400 MHz.
- Power Out 15 dBm
- Gain42 dB.
- Reverse Polarity Protection Optional

Maximum Ratings

Storage Temperature -62°C to +125°C
 DC Voltage +12 volts
 RF Input Power -20 dBm.
 Case Temperature +100°C



Specifications (Referenced to 50 ohms)

Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		2200	2400	MHz.
Gain	42	40		dB.
Gain Flatness	±0.4		±0.75	dB.
Gain Var. over temp	0.6			ΔdB.
Pout @ 1dB Comp	+15	+10		dBm.
Noise Figure	0.7		1.0	dB.
IP ₃ @ two input tone of +5dBm	30			dBm.
VSWR In/Out	1.7:1		2.0:1	
Supply Required	+12/200		+12/220	v/mA.

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

