

ASC2623C

50-1000 MHz Amplifier

Features: (typical values)

- Bandwidth 50-1000 MHz.
- Power Out 25 dBm
- Gain30 dB.
- Reverse Polarity Protection Optional



Maximum Ratings

Storage Temperature -62°C to +125°C
 DC Voltage +17 volts
 RF Input Power +10 dBm.
 Case Temperature +100°C

Specifications (Referenced to 50 ohms)

Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		50	1000	MHz.
Gain	30	28		dB.
Gain Flatness	±0.5		±1.0	dB.
Gain Var. over temp	0.6			ΔdB.
Pout @ 1dB Comp	+25	+20		dBm.
Noise Figure	4.0		5.0	dB.
IP ₃ @ two input tone of +5dBm	35			dBm.
VSWR In/Out	1.3:1		1.5:1	
Supply Required	+15/200		+15/250	v/mA.

Min. and max. Values are from -10°C to +60°C

