

ASC2554C

10-2500 MHz Amplifier



Features: (typical values)

- Bandwidth 10-2500 MHz.
- Power Out 18 dBm.
- Gain26 dB.
- Reverse Polarity Protection Optional

Maximum Ratings

Storage Temperature -62°C to +125°C
 DC Voltage +15 volts
 RF Input Power 10dBm.
 Case Temperature +100°C

Specifications (Referenced to 50 ohms)

Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		10	2500	MHz.
Gain	26	20	30	dB.
Gain Flatness	±0.5		±1.0	dB.
Gain Var. over temp	1.0			ΔdB.
Pout @ 1dB Comp	+18	+15		dBm.
Noise Figure from 100-2500 MHz	2.5		3.0	dB.
VSWR In/Out	1.8:1		2.0:1	
Supply Required	+15/200		+15/250	v/mA.

Min. and max. Values are from -20°C to +60°C

