

ASC2761C

**4000 - 8000 MHz
Cascade Amplifier**



Features: (typical values)

- Bandwidth4000-8000 MHz
- Power Out24 dBm.
- Gain23 dB.
- Noise Figure.....3.5 dB.
- IP₃35 dBm.

Maximum Ratings

Storage Temperature -62°C to +125°C
 DC Voltage +17 volts
 RF Input Power +30 dBm.
 Case Temperature +100°C

Specifications (Referenced to 50 ohms)

Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		4000	8000	MHz.
Gain	23	21.5	24.5	dB.
Gain Flatness	±0.75		±1.0	dB.
Gain Var. over temp	1.0			ΔdB.
Pout @ 1dB Comp	+24	+23		dBm.
Noise Figure	3.5		4.0	dB.
IP3	37	35		dBm.
IP2	47	45		dBm.
VSWR In/Out	1.6:1		1.8:1	
Supply Required	+15/550		+15/600	v/mA.

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

