

ASC2760C

**2000 - 4000 MHz
Cascade Amplifier**



Features: (typical values)

- Bandwidth2000-4000 MHz
- Power Out26 dBm.
- Gain32 dB.
- Noise Figure.....3.0 dB.
- IP₃37 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		2000	4000	MHz.
Gain	32	30.5	33.5	dB.
Gain Flatness	±0.75		±1.0	dB.
Gain Var. over temp	1.0			ΔdB.
Pout @ 1dB Comp	+26	+25		dBm.
Noise Figure	3.0		3.5	dB.
IP3	37	35		dBm.
IP2	52	50		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

