

ASC2777C

**20 - 3000 MHz
Cascade Amplifier**



Features: (typical values)

- Bandwidth20-3000 MHz
- Power Out20 dBm.
- Gain24 dB.
- Noise Figure.....3.5 dB.
- IP₃33 dBm.

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		20	3000	MHz.
Gain	24	22		dB.
Gain Flatness	±0.75		±1.0	dB.
Gain Var. over temp	1.0			ΔdB.
Pout @ 1dB Comp	+20	+18		dBm.
Noise Figure	20-50MHz 50-3000MHz	5.0 3.5	6.5 4.0	dB.
IP3		33	30	dBm.
VSWR In/Out		1.7:1	2.0:1	
Supply Required		+15/250	+15/270	v/mA.

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

