

ASC2705C

**3300-3800 MHz
Low Noise Amplifier**



Features: (typical values)

- Bandwidth 3300-3800 MHz.
- Power Out 16 dBm
- High Gain 45 dB.
- NF 1.5

Maximum Ratings

Storage Temperature -62°C to +125°C
 DC Voltage +17 volts
 RF Input Power -25 dBm.
 Case Temperature +100°C

Specifications (Referenced to 50 ohms)

Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency	3550	3300	3800	MHz.
Gain	45	43		dB.
Gain Flatness	±0.7		±1.0	dB.
Gain Var. over temp	0.6			ΔdB.
Pout @ 1dB Comp	+16	+14		dBm.
Noise Figure	1.5		2.0	dB.
IP ₃ @ two input tone of +5dBm	30	25		dBm.
VSWR In/Out	1.6:1		2.0:1	
Supply Required	+15/300		+15/350	v/mA.

Min. and max. Values are from -40°C to +85°C

