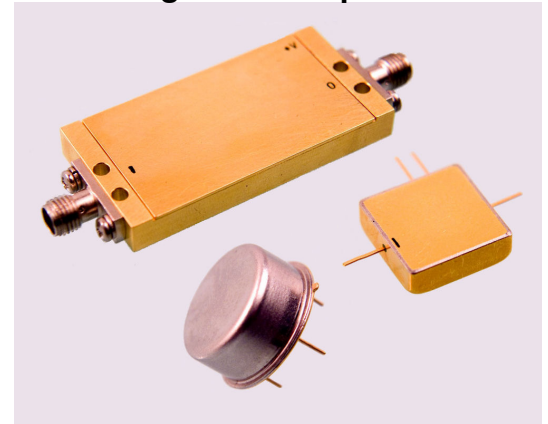


ASC2711C

1-30 MHz High Gain Amplifier



Features: (typical values)

- Output Power +22 dBm.
- Low Noise 3.5 dB.
- High IP3 +35 dBm
- Low VSWR 1.8:1.

Maximum Ratings

Storage Temperature -62°C to +125°C
 DC Voltage +12 volts
 RF Input Power 0 dBm.
 Case Temperature +95°C

Specifications (Referenced to 50 ohms)

Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		1	30	MHz.
Gain	33	30		dB.
Gain Flatness	±0.3		±0.5	dB.
Pout @ 1dB Comp	+22.0	+20.0		dBm.
NF	3.5		4.0	dB.
Reverse Isolation	40.0			dB.
IP ₃ /IP ₂ (two-tone)	35/60			dBm.
VSWR In/Out	1.8:1		2.0:1	
Supply Required	+12/270		+12/300	v/mA.

Min. and max. values are from -54°C to +85°C

