

# ASC2723C

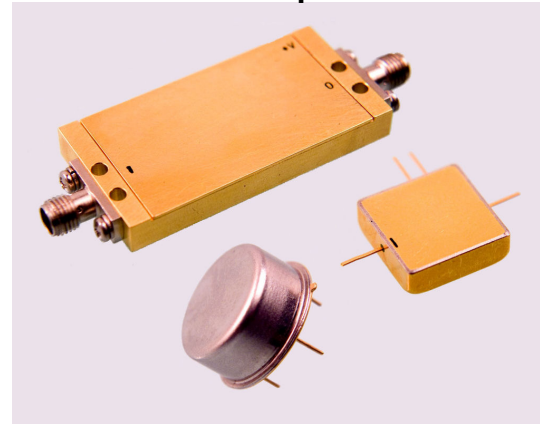
## Features: (typical values)

- Output Power ..... +31 dBm.
- Low Noise ..... 1.5 dB
- High Gain ..... +29 dB

## Maximum Ratings

Storage Temperature ..... -62°C to +125°C  
 DC Voltage ..... +16 volts  
 RF Input Power ..... +15 dBm.  
 Case Temperature ..... +95°C

## 10 – 500 MHz LNA Amplifier



Specifications (Referenced to 50 ohms Impedance)

Parameter	Typical Conditions	Min Value	Max Value	Units
Frequency		10	500	MHz.
Gain	29	28	30	dB.
Gain Flatness	±0.50		±1.0	dB.
Pout @ 1dB Comp	+31.0	+30.0		dBm.
NF	1.5		2.0	dB.
OIP <sub>3</sub> (two-tone)	43.0	40.0		dBm.
VSWR	1.4:1		1.5:1	Ratio
Supply Required	+15/330		+15/370	v/mA.

Min. and max. values are from -20°C to +70°C

