

# California Amplifier C Band PLL LNB



Your Trusted Source for Satellite Equipment



CA-140194

- California Amplifier PLL LNB
- $\pm 12$  KHz Stability
- 20° Noise Temperature
- Gain 63 dB Typical

Specifications	
Input Frequency	3.4 - 4.2 GHz
Output Frequency	950 - 1750 MHz
Noise Temperature at 25° C	20°
Gain	63 dB Typ., 60 dB Min.
Gain Flatness	$\pm 2.0$ dB Max.
Image Rejection	55 dBc Min.
Output VSWR	2.5:1 Max., 75 $\Omega$
1 dB Compression Point	+10 dBm Min.
3rd Order Intercept Point	+20 dBm Min.
L.O. Oscillator	5.15 GHz
Frequency Stability	$\pm 2.3$ ppm Max. -35° C - +60° C
Phase Noise	
100 Hz	-65 dBc/Hz
1 KHz	-80 dBc/Hz
10 KHz	-83 dBc/Hz
100 KHz	-95 dBc/Hz
1 MHz	-115 dBc/Hz
DC Input Voltage	15 - 24 VDC Through Output Connector
Current	275 mA Typ., 300 mA Max.
Temperature	
Operating	-35° C - +60° C (-40° F - +140° F)
Storage	-54° C - +85° C (-65° F - +185° F)
Input	Flange, WR229G
Output	75 $\Omega$ , Type F Female
Weatherproof Housing	Yes
Finish	Powder Coat
Size	98 x 76 x 178 mm (3.86 x 3.0 x 7.0 in.)
Weight	20 oz. (567 g)

\* All specifications are typical at +25° C unless otherwise specified

LNB\_CA-140194\_REV003

Specifications are subject to change without notice

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