

# 140194 C-BAND PLL LNB

## Extended C-Band PLL LNB

At CalAmp, we understand your performance demands for high stability and phase locked LNBs can be extreme, so we make sure our testing procedures are even more so. Our complete line of C & Ku Band high stability and PLL LNBs are available in a variety of frequency ranges and LO stability options.



<b>Specifications</b>	
Input Frequency	3.4 to 4.2 GHz
Output Frequency	950 - 1750 MHz
Noise Temperature	20°K to 35°K @ 25°C
Gain	63 dB Typical, 60 dB Min
Gain Flatness	± 2.0 dB Max
Image Rejection	55 dBc Min
Output VSWR	2.0:1 Typical, 75 ohm
1-dB Compression Point	+10 dBm Min
3rd Order Intercept Point	+20 dBm Min
LO Frequency Stability	5.15 GHz, ± 125 KHz Max@ -40°C to +60°C
Phase Noise	-69 dBc/Hz @ 100 Hz -85 dBc/Hz @ 1 KHz -88 dBc/Hz @ 10 KHz -92 dBc/Hz @ 100 KHz -105 dBc/Hz @ 1 MHz
DC Input	+15 to +24 VDC
Current	275 mA Typ, 300 mA Max
Operating Temperature	-40°C to +60°C
Input Interface	Flange, WR 229G
Output Interface	75 Ohm, Type "F" Female
Finish	Powder Coat
Physical Size	3.86 x 3.0 x 7.0 in
Weight	20 oz