

California Amplifier C band DRO LNB



Your Trusted Source for Satellite Equipment



CA-140105-1

- **California Amplifier DRO Professional II LNB**
- **±500 KHz Stability**
- **17° Noise Temperature**
- **Gain 65 dB, Typical**

SPECIFICATIONS

Input Frequency	3.4 – 4.2 GHz
Output Frequency	950 – 1750 MHz
Noise Temperature	17°K @ 25°C
Gain	65 dB Typical
Gain Flatness	±1.5 dB Max.
RF Band Pass Filter	Yes
Output VSWR	2.0:1 Typical, 75 ohm
1-dB Compression Point	+10 dBm Min.
3 rd Order Intercept Point	+20 dBm Min.
LO Oscillator	5150 MHz
Frequency Stability	±500 KHz Typical (-40°C to +60°) -40°F to 140°F
Phase Noise	-73 dBc/Hz (78 dBc Typical) @ 1 KHz offset
	-95 dBc/Hz @ 10 KHz offset
	-110 dBc/Hz @ 100 KHz offset
DC Input Voltage	+16 to 28 VDC through output connector
Current	210 mA Max.
Temperature Limits:	
Operating	-40°C to +60°C (-40°F to +140°F)
Storage	-54°C to +85°C (-65°F to + 185°F)
Interface:	
Input	Flange, WR 229G
Output	75 ohm, Type "F" Female
Weatherproof Housing	Yes
Finish	Powder Coat
Physical Dimensions:	
Size	(4.0 x 3.1 x 6.0 in), 102 x 79 x 152mm
Weight	16 oz, (454 grams)
P-HEMT Technology	High Electron Mobility Transistor

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

LNB_CA-140105-1_REV002

Specifications are subject to change without notice

sales@vikingsatcom.com • www.vikingsatcom.com

T: 517.629.3000 • F: 517.629.2379 • 704 North Clark Street • Albion, MI