

140105

High Stability & Phase Locked C-Band DRO LNB

FEATURES

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



SPECIFICATIONS

Input Frequency	3.4 to 4.2 GHz
Output Frequency	950 - 1750 MHz
Noise Figure	17°K to 20°K @ 25°C
Gain	65 dB Typical
Gain Flatness	± 1.5 dB Max
RF Band Pass Filter	Yes
Output	VSWR2.0:1 Typical, 75 ohm
1-dB Compression Point	+10 dBm Min
3rd Order Intercept Point	+20 dBm Min
LO Frequency	5150 MHz
LO Frequency Stability	± 500 KHz Typical; -40°C to +60°C
Phase Noise	-73 dBc/Hz @ 1 KHz -95 dBc/Hz @ 10 KHz -110 dBc/Hz @ 100 KHz
	DC Feed+16 to +28 VDC
Current	210 mA Max
Operating Temperature	-40°C to +60°C
Input Interface	Flange, WR 229G
Output Interface	75 Ohm, Type "F" Female Gold Plated
Finish	Powder Coat
Physical Size	4.0 x 3.1 x 6.0 in
P-HEMT Technology	High Electron Mobility Transistor