

## C-Band PLL High Stability LNB



Upcom Technologies' line of Low Noise Amplifiers (LNA) and Low Noise Block Converter offers high stability low power consumption, and low noise, optimized for high data rates digital communications.

### ADVANTAGES

- Self Contained unit
- Low Maintenance
- Easy Operation & Deployment
- Very Cost Effective

### APPLICATIONS

- Broadcast
- Broadcast Contribution
- DSNG
- Production Testing
- Data Communications
- SCPC, MCPC, TDMA.

### SPECIFICATIONS

Noise temperature:	20k to 30k
Phase noise (SSB):	-80 dBc/Hz at 1kHz -85 dBc/Hz at 10kHz -95 dBc/Hz at 100kHz
Input VSWR:	3
Output VSWR:	2.5
Conversion gain:	55 + 70 dB
Output P1dB:	10 dBm
Power requirements:	+12 to +24 V supplied through center conductor of IF cable
Current drain:	250 mA
Input Waveguide :	CPR229G
Dimensions:	180(L) x 100(W) x 70 (H) mm
Weight :	700g
Temperature Range :	-40°C to +60°C

### Frequency Bands Available

Input frequency (GHz) 3.40 to 4.20  
L.O. frequency (GHz) 5.15  
Output frequency (MHz) 950 to 1750

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