



5KHz stability C-Band PLL LNB

AL50005

KEY FEATURES

- ◆ +/- 5KHz Stability
- ◆ Smallest package size and weight
- ◆ RoHS compliant
- ◆ Three year warranty



Specifications

| | | | |
|-----------------------|---------------------------------------|---------------------|-----------------------|
| RF input frequency | 3.400 - 4.200 GHz | IF output frequency | 950 - 1750 MHz |
| L.O. | 5.15 GHz | L.O. init. offset | +/- 1PPM max. @ +25 |
| Conversion gain | 55 dB typ. | Gain flatness | 5 dB p-p max. |
| Input VSWR max. | 2.5 : 1 typ. | Output VSWR max. | 2.5 : 1 typ. |
| IF connector | F or "N" - type | IF impedance | 50 ohms, 75 ohms |
| RF interface | WR - 229 Grooved | Leakage | -50 dBm max. |
| Phase noise | -75 dBc/Hz @1KHz -80 dBc/Hz @10KHz | Noise temperature | 20 K typ. 30 K max |
| Power supply | +12 - +24 VDC | Current | 250 mA max. |
| Operating temperature | -40C - +60C | Storage temperature | -40C - + 75C |

Mechanical Drawing

