

Av-Comm L1513 C Band 5G Filtered PLL LNB 3.4-4.2GHz +/-500kHz



Designed in
Australia

Catalogue Number: L1513
Warranty: 2 Years

PRODUCT DESCRIPTION

Our L1513 Av-Comm C Band LNB 3.4-4.2 GHz provides a single polarity LNB with an extended C Band input range of 3.4-4.2GHz with 500 kHz DRO stability.

This LNB is designed to be used on commercial C Band systems where the superior cross-polarisation performance of a commercial grade single polarity LNB is required. The performance of this LNB is well-suited for applications requiring the reception of DVB-S/S2, QPSK, and MPEG 2 signals.

Simultaneous reception of both polarities is possible with the addition of our F1750 C Band OMT and F1341 High-Efficiency Feeding, for use with circularly polarised signals our F1342 Waveguide polariser.

The Av-Comm L1513 C Band 5G Filtered PLL LNB is designed in Australia and supports the Australian satellite communications and space industry.

TECHNICAL SPECIFICATIONS



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| Input Frequency | 3.4-4.2 GHz |
| Filter Type | No Filter |
| Filter Performance | 40 dB min. @ passband +/- 50MHz 85 dB min. @ passband +/- 100MHz 100dB min. @ passband +/- 150MHz |
| Local Oscillator Frequency | 5.150 GHz |
| Local Oscillator Stability | +/- 500 kHz (PLL) |
| Noise Temperature | 25K (typ) |
| Conversion Gain | 65dB (typ) |
| Input Waveguide Interface | CPRG-229 |
| Output Connector | F-Type 75Ω or N-Type 50Ω |
| Catalogue Number | L1513 |