

C BAND LNBS

Av-Comm L1506 C Band 5G Filtered PLL LNB 3.7-4.2GHz External Reference



Designed in
Australia

Catalogue Number: L1506
Warranty: 2 Years

PRODUCT DESCRIPTION

The Av-Comm L1506 C Band 5G Filtered PLL LNB 3.7-4.2GHz provides a single polarity C Band 5G filtered LNB solution with an input range of 3.7–4.2GHz. The Av-Comm C Band 5G Filtered PLL LNB 3.7-4.2GH model LNB provides an external reference Phase Lock Looped (PLL) stability.

The Av-Comm C Band 5G Filtered PLL LNB 3.7-4.2GHz EXT REF LNB is designed to be used on commercial C Band systems severely impacted by terrestrial 5G interference. The restricted input frequency of the Av-Comm C Bandpass Filtered LNB combined with the addition of a bandpass filter ensures that any terrestrial 5G interference originating within extended C Band (3.4-3.7GHz) or standard C Band (3.7-3.8GHz) is rejected from the input before conversion and processing, ensuring nominal C Band downlink performance.

The Av-Comm L1506 C Band 3.7-4.2GHz 5G Filtered PLL LNB is designed in Australia and supports the Australian satellite communications and space industry.

TECHNICAL SPECIFICATIONS



Input Frequency	3.7-4.2GHz
Filter Type	Low Pass Filter (3.7-4.2GHz)
Local Oscillator Frequency	5.510 GHz
Local Oscillator Stability	External Reference
Noise Temperature	25K
Conversion Gain	65dB typical
Input Waveguide Interface	CPRG-229
Output Connector	F-Type Female - 75Ω
Catalogue Number	L1506