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Specifically designed for the European DTH markets, this LNB provides optimized reception capabilities. It enables the reception of signal from one satellite and its distribution to up-to two single tuner Set-top box (or 1 in the case of a twin- tuner STB). It is ready for High Definition transmissions and provides excellent Noise Figure performance. Manufactured to the highest industry quality standards and designed to meet strict specifications, this LNB is an ideal solution for the satellite broadcast reception across Europe.

Flange

Main Features

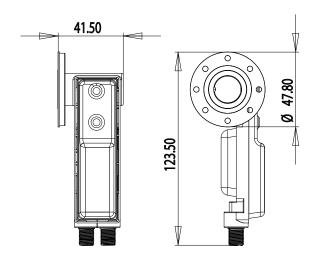
- Low Phase Noise, DVB-S2 (HDTV) compliant
- Low Noise Figure
- Low power consumption
- High Cross-Pole performance
- High Frequency stability



## **Technical Specifications**

Low Band I/P Frequency Range **O/P Frequency Range** LO Frequency High Band I/P Frequency Range **O/P Frequency Range** LO Frequency Noise Figure LO Initial Accuracy LO Temperature Drift LO Phase Noise @ 10K Hz Conversion Gain Gain Variation Image Rejection O/P 1 dB Compression Point Crosstalk Isolation Control Signals Ca [V] Control Signals Cb [ H ] **Control Signals Cc O/P** Supurious **O/P VSWR** Radiated Interference DC Power Working Temperature **Output Impedance** Weight

10.7 ~ 11.7 GHz 950 ~ 1950 MHz 9.75 GHz 11.7 ~ 12.75 GHz 1100 ~ 2150 MHz 10.6 GHz 0.2 dB +/- 1.0 MHz +/- 3.0 MHz -80 dBc / Hz 55 dB Min. +/-8 dB 40 [min.] dB 0.0 [min.] dBm 20 [min.] dB 10.0 ~ 14.0 V 16.0 ~ 20.0 V 22 +/- 4 KHz - 60 [max.] dBc 2.5 : 1 ~ -50 dBm 120mA Max.@11-20V - 30 ~ + 60 75 Ω (F-Type) 180 g



For purpose of brevity, some product descriptions in this sheet remain at platform level and may not be referred to as detailed datasheets of the products. Inverto Digital Labs reserves the right to amend, omit or add products, product-lines, and/ or features without notice.