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Pro

Twin High-Band Circular 40mm LNB (LO11.25 GHz)

IDLP-TWNR41-H1125-OPP

Item: 5348



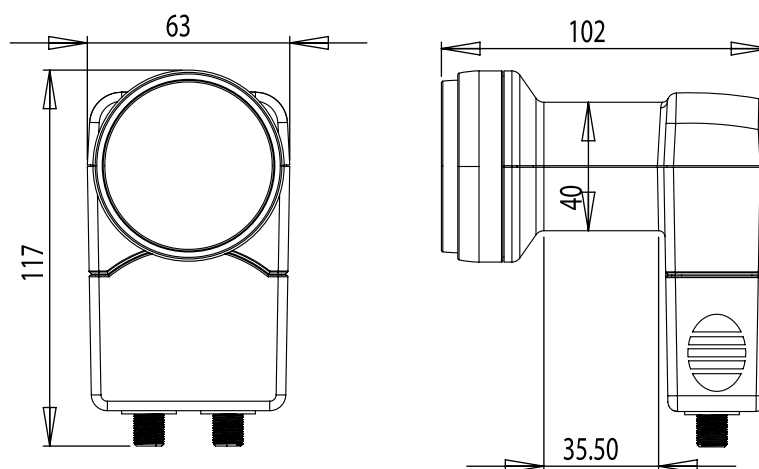
Specifically designed for the European DTH markets, this LNB provides optimized reception capabilities for receiving circular polarized signal on the high band and enables the reception of signal from one satellite and its distribution to up-to two single tuner Set-top box (or 1 in the case of a twin- tuner STB). It is factory set for easy connectivity with any LO 11.25 preset Set-top box, fully supports 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.

Main Features:

- LO frequency 11.25 MHz
- Low phase Noise HDTV-DVBS2 compliant
- Low Noise figure
- Low Power consumption
- High Cross-Pole performance
- High Frequency stability

Technical data

High band input frequency range	12.2 GHz ~ 12.7 GHz
High band output frequency range	950 MHz ~ 1450 MHz
High band LO frequency	11.25 GHz
Noise figure	1.1 dB max.
LO temperature drift @ 25° C	± 3.0 MHz max.
LO Initial accuracy	± 1.0 MHz max.
LO phase noise @ 10 kHz	-75 dBc/Hz
Conversion gain	50 dB ~ 62 dB (56 dB typ.)
Gain variation (over full band)	± 0.50 dB/25MHz
Image rejection	40 dB min.
1 dB compression point (@ output)	0.0 dBm min.
Cross talk	20 dB min.
Control signal Ca (V)	10.0 V ~ 14.0 V
Control signal Cb (H)	16.0 V ~ 20.0 V
Output VSWR	2.5 : 1
In band spurious level	-50 dBm max.
Current consumption	170 mA max. (11 VDC ~ 20 VDC)
Operating temperature	-35 °C ~ +60 °C
Output impedance	75 Ω (F-type)
Output connector type	F-Type (female)
Weight	195 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.

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