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Essential

Quad 40mm LNB

IDLE-QUDS46-ESSEN-OPP

Item: 5098



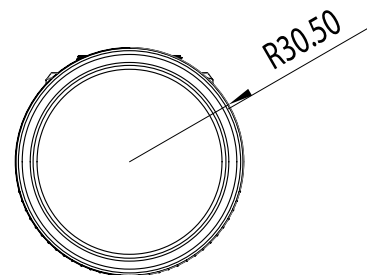
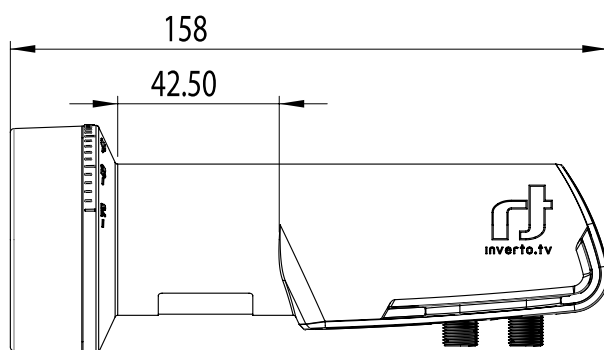
Specifically designed for the DTH markets worldwide, this high quality LNB provides greater immunity against terrestrial/4G interferences and optimized reception capabilities allowing operators to reliably deliver their service to their subscribers at guaranteed quality. This LNB enables signal reception from one satellite and its distribution to up-to 4 single tuner Set-top boxes (or 2 in the case of a twin-tuner STB), optimized 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 receiving satellite broadcast around the globe.

Main Features:

- Low Phase Noise, DVB-S2 (HDTV) compliant
- Low Noise Figure
- Low power consumption
- High Cross Polarization Isolation
- High Frequency stability
- Greater immunity against 4G interferences

Technical data

Low Band Input Frequency Range	10.7~11.7 GHz
Low Band Output Frequency Range	950~1950 MHz
LO Frequency	9.75 GHz
High Band Input Frequency Range	11.7~12.75 GHz
High Band Output Frequency Range	1100~2150 MHz
LO Frequency	10.6 GHz
Noise Figure	0.7dB max.
LO Initial Accuracy	+/- 1.0 MHz max.
LO Temperature Drift	+/- 3.0 MHz max.
LO Phase Noise @ 10K Hz	-80 dBc/Hz max.
Conversion Gain	52 dB min.
Gain Ripple	+/- 0.75 dB/27MHz
Gain Variation	+/- 4 dB
Image Rejection	40 dB min.
1 dB Compression Point (O/P)	0 dBm min.
Cross polarization isolation	22dB min.
Control Signals Ca [V]	11.0~14.0 V
Control Signals Cb [H]	16.0~20.0 V
Control Signals Cc [Band switching]	22KHz +/- 4KHz 0.4V – 0.8V pp
Output VSWR	2.5 : 1
Output spurious level	-55 dBm max.
DC Power	210mA max. @ 11 – 20V
Working Temperature	-30~+60 °C
Output Impedance (connect to STB)	75Ω
Output connector	F-type (female)
Weight	202 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.

For further details contact: sales@inverto.tv

FTA Communication Technologies S.a.r.l Tel. +352 264 367 1 Fax. +352 264 313 68



www.inverto.tv