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RED Classic
Quad Flange 40mm LNB
IDLR-QUDFOO-CLASC-OPP

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 4 single-tuner Set-top boxes (or 2 in the case a twin-tuner STB is used). 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 HDTV-DVBS2 compliant
- Low Noise figure
- Low power consumption
- High Cross-Pole performance
- High Frequency stability

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Technical Specifications

Low Band I/P Frequency Range	10.7 ~ 11.7 GHz
O/P Frequency Range	950 ~ 1950 MHz
LO Frequency	9.75 GHz
High Band I/P Frequency Range	11.7 ~ 12.75 GHz
O/P Frequency Range	1100 ~ 2150 MHz
LO Frequency	10.6 GHz
Noise Figure	0.7dB Typ. (1.0dB Max.)
LO Initial Accuracy	+/- 1.0 MHz
LO Temperature Drift	+/- 3.0 MHz
LO Phase Noise @ 10K Hz	-80 dBc / Hz
Conversion Gain	55 dB Min.
Gain Variation	+/- 0.75 dB/27 MHz
Image Rejection	40 [min.] dB
O/P 1 dB Compression Point	0.0 [min.] dBm
Crosstalk Isolation	20 [min.] dB
Control Signals Ca [V]	10.0 ~ 14.0 V
Control Signals Cb [H]	16.0 ~ 20.0 V
Control Signals Cc	22+/- 4 KHz
O/P Supurious	- 60 [max.] dBc
O/P VSWR	2.5 : 1 ~
Radiated Interference	-50 dBm Max.
DC Power	180 mA@11-20V
Working Temperature	- 30 ~ + 60
Output Impedance	75 Ω (F-Type)
Weight	243 g
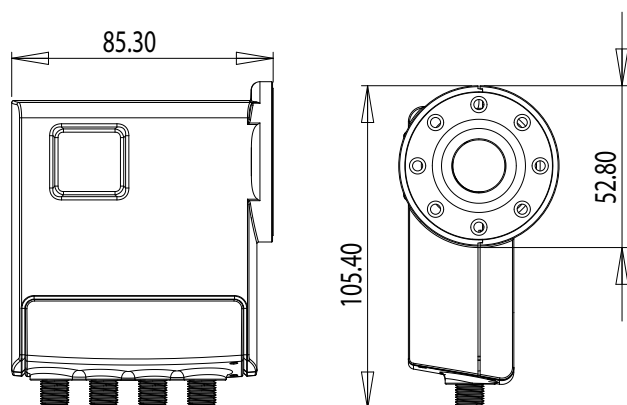
85.30
105.40
52.80

V271008

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