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RED Classic

Single C-Band Flange LNB

IDLR-SINFOC00-CLASC-OPP

Specifically designed for the DTH markets, this LNB provides optimized reception capabilities. It enables the reception of signal from one satellite and its distribution to a single tuner Set-top box. 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.

C - Band

Main Features

- Low Phase-Noise HDTV DVB-S2 compliant
- Low Noise-Figure of max. 13°K
- Low power consumption
- High frequency stability

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Technical Specifications

Input Frequency Range	3.4 ~ 4.2 GHz
Output Frequency Range	950 ~ 1750 MHz
LO Frequency	5.15 GHz
LO Initial Accuracy @ 25°C	± 1.0 MHz
LO Temperature Drift (-30 ~ +60°)	±2.0 MHz
LO Phase Noise @ 10KHz	-90 dBc/Hz
Noise Figure	13°K
Conversion Gain	60 [min.] dB
Gain Variation	±0.75dB / 27MHz
Image Rejection	40 [min.] dB
Output 1 dB Compression Point	0 [min.] dBm
Output Spurious	- 60 (max.) dBc
Output VSWR	~2.5 : 1
DC Power	190 mA Max. @10-24V
Working Temperature	- 25°C ~ + 60°C
Output Impedance	75 Ω (F-Type)
Weight	175 g

