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RED Classic

Single 23mm LNB

IDLR-SINL20-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 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.

23mm

Main Features

- Low Phase Noise, DVB-S2 (HDTV) 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 ~ 12.7 GHz
O/P Frequency Range	1100 ~ 2150 MHz
Noise Figure	10.6 GHz
LO Frequency	0.3 dB Typ. (10.7 dB Max.)
LO Initial Accuracy	+/- 1.0 MHz
LO Temperature Drift	+/- 3.0 MHz
LO Phase Noise @ 10K Hz	-80 dBc / Hz
Conversion Gain	-95 dBc / Hz
Gain Variation	+/- 4dB
Image Rejection	40 [min.] dB
O/P 1 dB Compression Point	0.0 [min.] dBm
Crosstalk Isolation	20 [min.] dB
Control Signals Ca [V]	11.0 ~ 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	-45 dBm
DC Power	110 mA Max.@11-20V
Working Temperature	-25 ~ + 60
Output Impedance	75 Ω (F-Type)
Weight	130 g

