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BLACK Pro

Twin C-Band Linear LNB with Scalar ring

IDLB-TWNSNC00-OOPRO-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 two single tuner Set-top box (or 1 in the case of a twin- tuner STB). 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 C-band 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 Cross-Pole performance

Technical Specifications

Input Frequency Range (V & H)	3.4 ~ 4.2GHz
Output Frequency Range (V & H Switchable)	950 ~ 1750 MHz
LO Frequency	5.15 GHz
LO Initial Accuracy @ 25°C	± 1.0 MHz
LO Temperature Drift (-30 ~ +60 °C)	±2.5 MHz
LO Phase Noise @ 10KHz	-90 dBc/Hz
Noise Figure	13°K
Conversion Gain	60 [min.] dB
Gain Variation	±1 dB/27MHz
Image Rejection	40 [min.] dB
Output 1 dB Compression Point	0 [min.] dBm
Crosstalk Isolation (Cross polarization)	23 dB
Output Spurious	- 60 (max.) dBc
Output VSWR	~2.5 : 1
Command signal Circular RH Left	16V ~ 20V
Command signal Circular RH Right	11V ~ 14.5V
DC Power	190mA Max. @11-20V
Working Temperature	- 25°C ~ + 60°C
Output Impedance	75 Ω (F-Type)
Weight	310 g

