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RED Classic
Quattro 23mm LNB
IDLR-QUTL20-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 via a multi-switch to numerous Set-top boxes. 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.
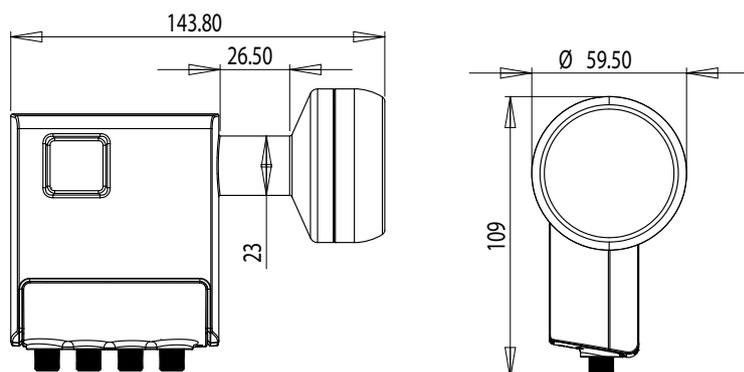
23mm

Main Features
- Low Phase Noise, DVB-S2 (HDTV) compliant
- Low Noise Figure
- Low power consumption
- High Cross-Pole performance
- High Frequency stability

Quattro 23mm LNB

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Technical Specifications

Low Band Input Frequency Range	10.7 ~ 11.7 GHz
Low Band Output Frequency Range	950 ~ 1950 MHz
Low Band LO Frequency	9.75 GHz
High Band Input Frequency Range	11.7 ~ 12.75 GHz
High Band Output Frequency Range	1100 ~ 2150 MHz
High Band LO Frequency	10.6 GHz
Noise Figure	0.3 dB Typ. (0.7 dB Max.)
LO Initial Accuracy	+/- 1.0 MHz Max.
LO Temperature Drift	+/- 3.0 MHz Max.
Phase Noise (@ 10 kHz)	- 80 dBc / Hz Max.
Conversion Gain	55 dB Min.
Gain Ripple (Over 26 MHz Bandwidth)	+/- 0.75 dB
Gain Variation (Over Full Band)	+/- 4 dB Max.
Image Rejection	40 dB Min.
1 dB Compression Point (@ Output)	0.0 dBm Min.
Cross Polarization Isolation	22 dB Min.
Output VSWR	2.5 : 1
In-Band Spurious	- 60 dBm Max.
Current Consumption	200 mA Max. @ 11 ~ 20 V
Operating Temperature	- 30 °C ~ + 60 °C
Output Impedance	75 Ω
Output Connector	F-Type (Female)
Weight	243 g

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