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BLACK Premium

Single Selected 41mm LNB

IDLB-SINL41-PREMU-OPP

Item: 3139



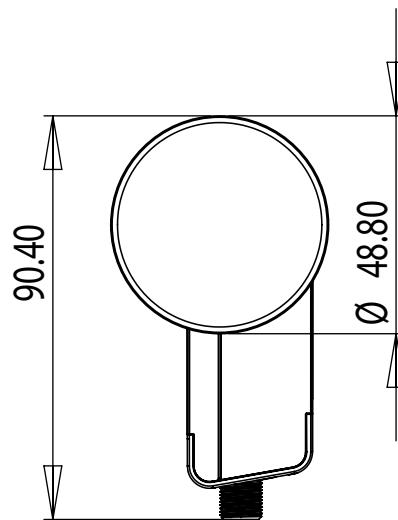
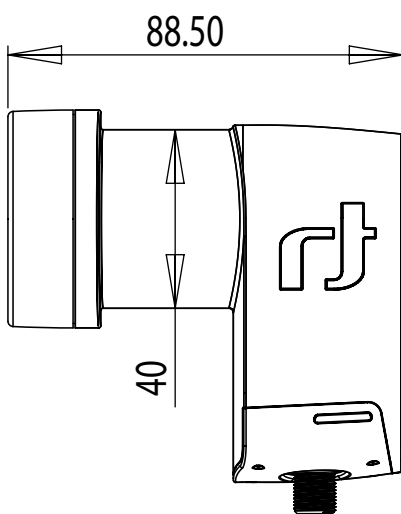
The BLACK Premium™ is a high-performance, high-end range of LNB products. The units are specially selected from the production line and feature an outstanding low noise figure, very low gain variation, high cross polarization and cross-talk isolation and sets new standards of quality and reliability in the industry. This stylish and compact size range of LNBs includes 40mm L-shape Single, Twin, Quattro and Quad models.

Main Features:

- High performance LNBs
- 100% quality controlled
- 100% manually-selected LNBs
- Special design for optimal reception
- Premium LNB for demanding customers

Technical data

Low Band Input Frequency Range	10.7~11.7 GHz
Low Band Output Frequency Range	950~1950 MHz
LO Frequency	9.75 GHz
High Band Input Frequency Range	11.7~12.75 GHz
High Band Output Frequency Range	1100~2150 MHz
LO Frequency	10.6 GHz
Noise Figure	0.2dB typ. (0.7dB max.)
LO Initial Accuracy	+/- 1.0 MHz max.
LO Temperature Drift	+/- 3.0 MHz max.
LO Phase Noise @ 10K Hz	-85 dBc/Hz max.
Conversion Gain	55 dB min.
Gain Ripple	+/- 0.75 dB/27MHz
Gain Variation	+/- 4 dB
Image Rejection	40 dB min.
1 dB Compression Point (O/P)	0.0 dBm min.
Cross talk	22dB min.
Control Signals Ca [V]	11.0~14.0 V
Control Signals Cb [H]	16.0~20.0 V
Control Signals Cc [Band switching]	22KHz +/- 4KHz 0.4V – 0.8V pp
Output VSWR	2.5 : 1
Radiated Interference	-50 dBm max.
DC Power	120mA max. @ 11 – 20V
Working Temperature	-30~+60 °C
Output Impedance (connect to STB)	75Ω
Output connector	F-type (female)
Weight	132 g



For purpose of brevity, some product descriptions in this sheet remain at platform level and may not be referred to as detailed datasheets of the products. Inverto Digital Labs reserves the right to amend, omit or add products, product-lines, and / or features without notice.

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