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# Pro

8 Output 40mm LNB

IDLB-OCTL40-00000-OPP

Item: 3001



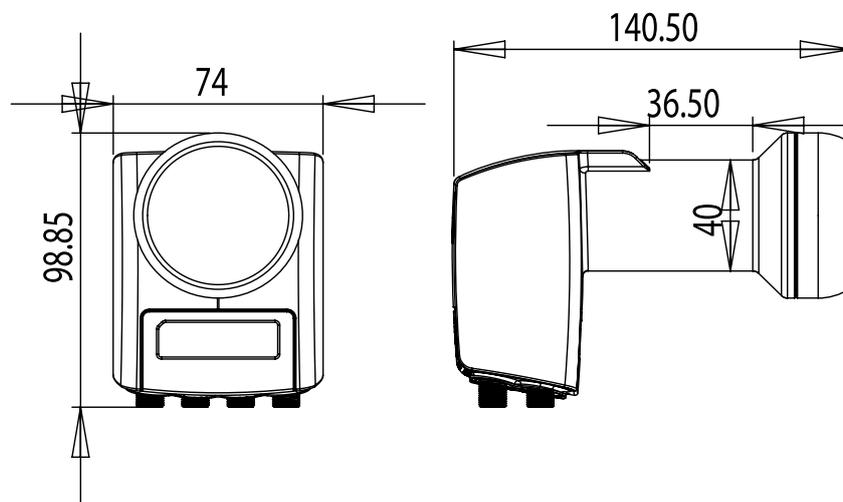
With its 8 Outputs this LNB allows for the connection of up to 8 Set-top boxes or 4 Dual-tuner PVRs without the need of an external Multi-Switch. Specifically designed for the European DTH markets, this LNB provides optimized reception capabilities. It is ready for High Definition transmissions and provides 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.

## Main Features:

- Low phase Noise HDTV-DVBS2 compliant
- Low Noise figure of 0.2 dB
- Low Power consumption
- Very high Cross-Pole performance
- Very high Frequency stability

## Technical data

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 ~ 12.75 GHz
O/P Frequency Range	1100 ~ 2150 MHz
LO Frequency	10.6 GHz
Noise Figure	0.2db Typ. (0.7dB Max.)
LO Initial Accuracy	+/- 1.0 MHz
LO Temperature Drift	+/- 3.0 MHz
LO Phase Noise @ 10K Hz	-90 dBc / Hz Max.
Conversion Gain	55 [min.] dB
Gain Variation	+/- 0.75 dB/27 MHz
Image Rejection	40 [min.] dB
O/P 1 dB Compression Point	0.0 [min.] dBm
Crosstalk Isolation	18 [min.] dB
Control Signals Ca [ V ]	10.0 ~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	210 mA Max.@ 11-20V
Working Temperature	- 30 ~ + 60
Output Impedance	75 $\Omega$ (F-Type)
Weight	256 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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