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BLACK Pro

Single Monoblock 60mm LNB ,3° for 80cm dish
IDLB-SINM61-MN003-8PP

This monoblock LNB was designed for dual satellite reception. It can be used for satellite broadcast reception of any two satellites spaced with 3° degrees, on an 80cm dish antenna, and its distribution to a single tuner Set-top box. It is optimized for High Definition transmissions, provides excellent Noise Figure performance and manufactured to the highest industry quality standards.

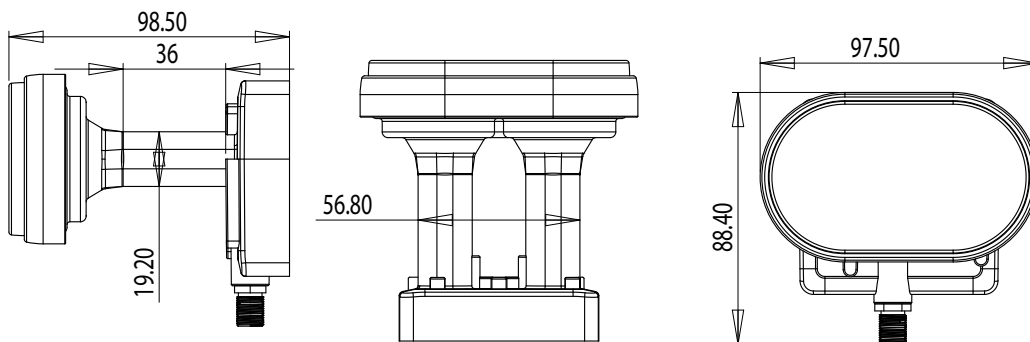
Monoblock
60mm

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 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	0.2 dB Typ. (0.7 dB Max.)
LO Initial Accuracy	+/- 1.0 MHz Max.
LO Temperature Drift	+/- 3.0 MHz Max.
Phase Noise (@ 10 kHz)	- 90 dBc / Hz Max.
Conversion Gain	50 ~ 65 dB
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.
Control: Satellite A/B Selection	DiSEqC 1.0 (Sat A* = Eastern Satellite Position, Sat B = Western Satellite Position)
Cross Polarization Isolation	22 dB Min.
Output VSWR	2.5 : 1
In-Band Spurious	- 60 dBm Max.
Current Consumption	120 mA Max. @ 11 ~ 20 V
Operating Temperature	- 30 °C ~ + 60 °C
Output Impedance	75 Ω
Output Connector	F-Type (Female)
Weight	220 g
Recommended Dish Size	75 ~ 85 cm (F/D = 0.6)
Monoblock Mounting Bracket	60 mm



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.