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# Mono



Single Monoblock 23mm LNB ,4° for 80cm dish

**IDLB-SINM25-DOPO4-8PP**

Item: 3541

This monoblock LNB was specifically designed for dual satellite reception of Eutelsat's Eurobird and Hotbird satellites on 9°E and 13°E respectively. While mainly customized for the Italian market, this LNB can be used for satellite broadcast reception of any two satellites spaced with 4 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.

#### Main Features:

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

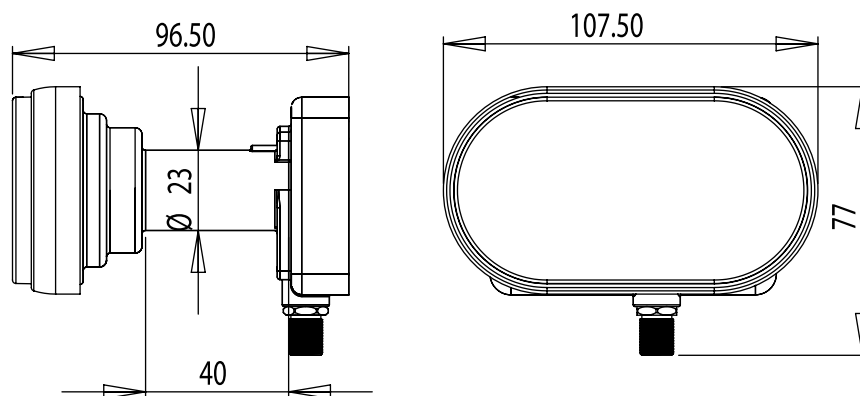
via  
eutelsat



## Technical data

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	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.
Control: Satellite A/B Selection	DiSEqC 1.0 (Sat A* = Hotbird 13° East, Sat B = Eurobird 9° East)
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	210 g
Recommended Dish Size	75 ~ 85 cm (F/D = 0.6)
Monoblock Mounting Bracket	23 mm

\* DiSEqC is trademark of Eutelsat



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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