

Click object to rotate

## BLACK Pro

Single Monoblock 23mm LNB ,6° for 80cm dish

IDLB-SINM20-MN006-8PP

This monoblock LNB was designed for dual satellite reception. It can be used for the broadcast reception of any two satellites, spaced with 6° 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.

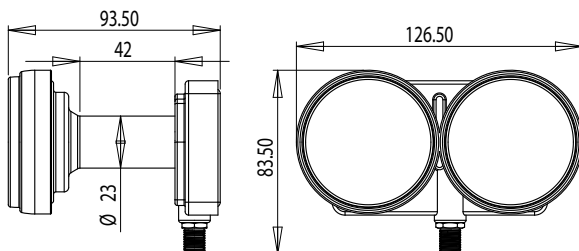
Monoblock  
23mm

### 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 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	0.2 dB Typ. (0.7dB Max.)
LO Initial Accuracy	+/- 1.0 MHz
LO Temperature Drift	+/- 3.0 MHz
LO Phase Noise @ 10K Hz	-90 dBc / Hz
Conversion Gain	50 ~ 62 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	25 [typ.] dB
O/P VSWR	2.5 : 1 ~
DC Power	120 (typ.) , 150 (max.) mA
Working Temperature	- 30 ~ + 60
Output Impedance	75 Ω (F-Type)
Weight	270 g
Polarity, Band & Satellite Selection (Lo,V,SA)	Eutelsat, Lo band, Vertical
Polarity, Band & Satellite Selection (Hi,V,SA)	Eutelsat, Hi band, Vertical
Polarity, Band & Satellite Selection (Lo,H,SA)	Eutelsat, Lo band, Horizontal
Polarity, Band & Satellite Selection (Hi,H,SA)	Eutelsat, Hi band, Horizontal
Polarity, Band & Satellite Selection (Lo,V,SA)	Astra, Lo band, Vertical
Polarity, Band & Satellite Selection (Hi,V,SA)	Astra, Hi band, Vertical
Polarity, Band & Satellite Selection (Lo,H,SA)	Astra, Lo band, Horizontal
Polarity, Band & Satellite Selection (Hi,H,SA)	Astra, Hi band, Horizontal



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.

FTA communication Technologies Tel. +352 264 367 1 Fax. +352 264 313 68

www.inverto.tv  
 sales@inverto.tv  
 STBsupport@inverto.tv