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BLACK Pro

Single Monoblock 40mm LNB, 6° for 80cm dish
IDLB-SINM40-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
40mm

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 ~ 62 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* = Hotbird 13° East, Sat B = ASTRA 19.2° East)"
Cross Polarization Isolation	22 dB Min.
Output VSWR	2.5 : 1
In-Band Spurious	- 60 dBm Max.
Current Consumption	150 mA Max. @ 11 ~ 20 V
Operating Temperature	- 30 °C ~ + 60 °C
Output Impedance	75 Ω
Output Connector	F-Type (Female)
Weight	270 g
Recommended Dish Size	75 ~ 85 cm (F/D = 0.6)
Monoblock Mounting Bracket	40 mm

