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## Mono

Twin Monoblock 23mm LNB ,6° for 80cm dish IDLB-TWNM21-MNOO6-8PP

This Monoblock LNB was designed for the reception of up to 2 satellites and the independent distribution of their signal to up to 2 single tuner Set-top boxes (or 1 in the case a double-tuner STB is used). It can be used for satellite broadcast reception of any two satellites spaced with 6° degrees on an 80cm dish antenna. 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 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. +/- 3.0 MHz Max. LO Temperature Drift - 90 dBc / Hz Max.

Phase Noise (@ 10 kHz)

Conversion Gain 50 ~ 65 dB Gain Ripple (Over 26 MHz Bandwidth) +/- 0.75 dB

+/- 4 dB Max. Gain Variation (Over Full Band)

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.

2.5:1 Output VSWR - 60 dBm Max. In-Band Spurious

150 mA Max. @ 11 ~ 20 V **Current Consumption** 

- 30 °C ~ + 60 °C **Operating Temperature** 

**Output Impedance** 75 Ω

**Output Connector** F-Type (Female)

435 g Weight

 $75 \sim 85 \text{ cm (F/D} = 0.6)$ Recommended Dish Size

23 mm Monoblock Mounting Bracket



