



# Mono

**Twin Monoblock 23mm LNB ,3° for 80cm dish with 60mm adaptor  
IDLM-TWM610-MN003-8PN**

Item: 5989

Specifically designed for the European DTH markets, this Monoblock LNB allows for dual satellite reception. It can be used for satellite broadcast reception (on an 80cm antenna dish) of any two satellites spaced with 3°. This LNB enables the signal distribution to a Set Top Box with Single Tuner. It is optimized for High Definition transmissions and provides excellent Noise Figure performance. Designed to meet strict specifications and manufactured to the highest industry quality standards, this LNB is an ideal solution for satellite broadcast reception across Europe.

## Main Features:

- Low Phase Noise, DVB-S2 (HDTV) compliant
- Low Noise Figure (0.2 dB)
- Low Power consumption
- Very high Cross Polarization Isolation
- Very high Frequency stability



[www.inverto.tv](http://www.inverto.tv)

23→60  
mm

3°

80  
cm

4K  
Ultra HD

4G

## Technical data

Low band input frequency range	10.7 GHz ~ 11.7 GHz
Low band output frequency range	950 MHz ~ 1950 MHz
Low band LO frequency	9.75 GHz
High band input frequency range	11.7 GHz ~ 12.75 GHz
High band output frequency range	1100 MHz ~ 2150 MHz
High band LO frequency	10.6 GHz
Noise figure	0.2 dB typ. (0.7 dB max.)
LO temperature drift @ 25° C	±3.0 MHz Max.
LO Initial accuracy	±1.0 MHz Max.
LO phase noise @ 10 kHz	-80 dBc / Hz max.
Conversion gain	50 dB ~ 60 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/C/D Selection	" DiSEqC 1.0 (Sat A* = East Satellite Position, Sat B = West Satellite Position) * Default Satellite Reception
Cross polarization isolation	22 dB min.
Output VSWR	2.0 : 1
In band spurious level	-60 dBm max.
Current consumption	210 mA max. @ 11 V ~ 20 V
Operating temperature	-30 °C ~ +60 °C
Output impedance	75 Ω
Output connector type	F-Type (female)
Recommended Dish Size	75-85 cm (F/D = 0.6)
Weight	460 g

## Logistical info

Packaging dimensions (W x D x H)	13,4 cm x 10,3 cm x 10,8 cm
Packaging weight	0,45 kg
Quantity per carton	30 pcs
Carton dimensions (W x D x H)	53.6 cm x 42 cm x 23.2 cm
Carton weight	17,5 kg
Quantity per pallet	480 pcs

