



## Pro

# Twin Monoblock 23mm LNB ,4.3° for 80cm dish IDLM-TNM210-43F80-OPX

Item: 5824

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 dish antenna) of the Astra 19.2E and 23.5E satellites spaced with 4.3°. It enables the signal distribution to maximum two Set-Top Boxes with Single Tuner (or one STB with Twin Tuner). The LNB is optimized for Ultra 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 UHD TV compliant
- Low Noise Figure
- Low Power Consumption
- Very high Cross Polarization Isolation
- Very high Frequency Stability







### Technical data

Low band input frequency range

Low band output frequency range

Low band LO frequency

High band input frequency range

High band output frequency range

High band LO frequency

Noise figure

LO temperature drift

LO Initial accuracy

LO phase noise @ 1 kHz

LO phase noise @ 10 kHz

LO phase noise @ 100 kHz

Conversion gain

Gain ripple (over 26 MHz bandwidth)

Gain variation (over full band)

Image rejection

3th order intermodulation - ICP3

1 dB compression point (@ output)

Control, Satellite A/B Selection

Cross polarization isolation

Output VSWR

In band spurious level

Current consumption

Operating temperature

Output impedance

Output connector type

Recommended Dish Size

Weight

#### Logistical info

Packaging dimensions (W x D x H)

Packaging weight

Quantity per carton

Carton dimensions (W x D x H)

Carton weight

Quantity per pallet

10.7 GHz ~ 11.7 GHz

950 MHz ~ 1950 MHz

9.75 GHz

11.7 GHz ~ 12.75 GHz

1100 MHz ~ 2150 MHz

10.6 GHz

0.6 dB typ.

±2.0 MHz max.

±600 kHz max.

-70 dBc / Hz max.

-80 dBc / Hz max.

-90 dBc / Hz max.

55 dB ~ 68 dB

±0.75 dB

±4 dB max.

40 dB min.

10.0 dBm min.

0.0 dBm min.

DiSEqC 1.0 (Sat  $A^* = ASTRA 19.2^\circ$  East, Sat  $B = ASTRA 23.5^\circ$  East)

\*Default Satellite Reception

22 dB min.

2.0:1

-60 dBm max.

210 mA max. @ 11 V  $\sim$  20 V

-30 °C ~ +60 °C

75 Ω

F-Type (female)

80 cm (F/D = 0.6)

290 g

12 x 11.1 x 10.3 cm

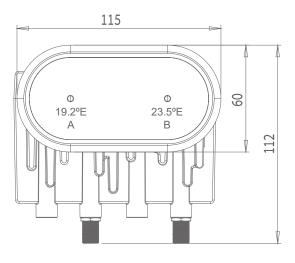
0.342 kg

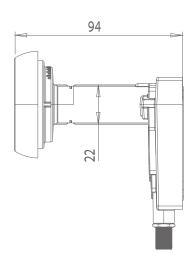
30 pcs

57.5 x 25.5 x 33 cm

11.06 kg

720 pcs





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.