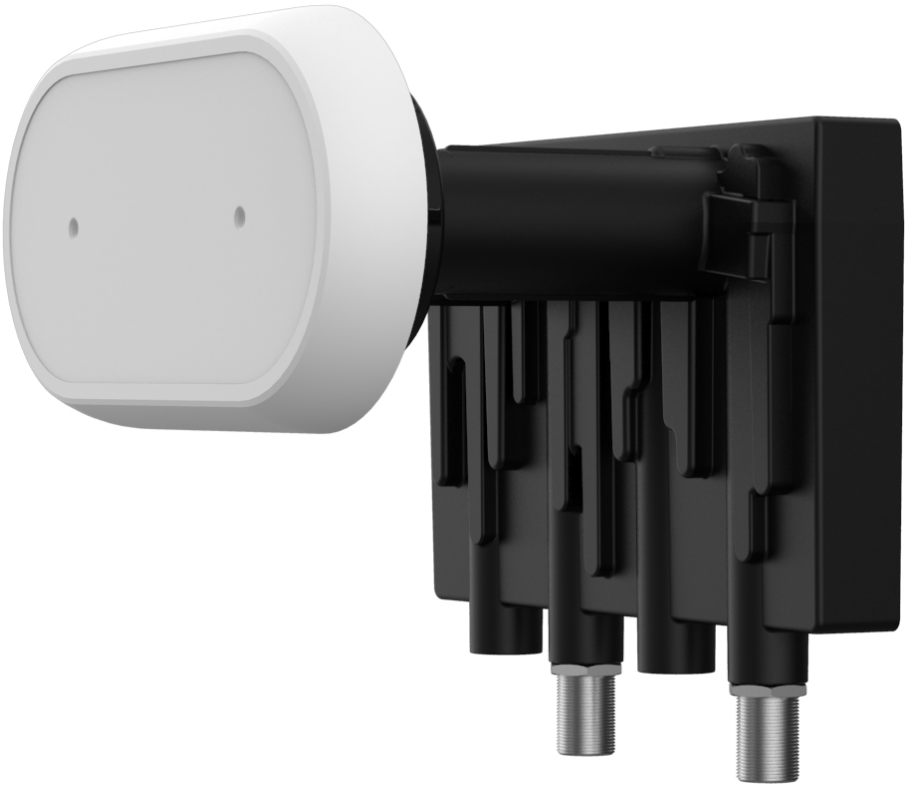


Pro

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

23 mm

4.3°

80 cm

4K Ultra HD

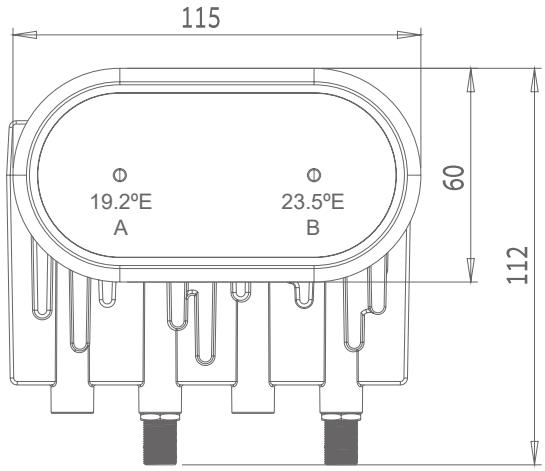
4G

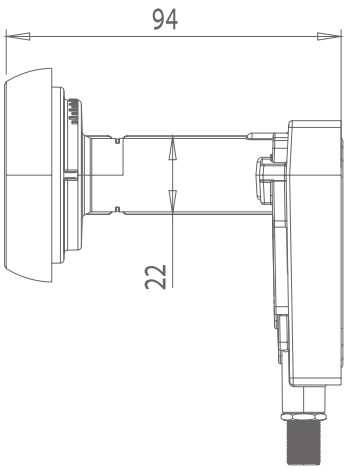
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Technical data

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	0.6 dB typ.
LO temperature drift	±2.0 MHz max.
LO Initial accuracy	±600 kHz max.
LO phase noise @ 1 kHz	-70 dBc / Hz max.
LO phase noise @ 10 kHz	-80 dBc / Hz max.
LO phase noise @ 100 kHz	-90 dBc / Hz max.
Conversion gain	55 dB ~ 68 dB
Gain ripple (over 26 MHz bandwidth)	±0.75 dB
Gain variation (over full band)	±4 dB max.
Image rejection	40 dB min.
3th order intermodulation - ICP3	10.0 dBm min.
1 dB compression point (@ output)	0.0 dBm min.
Control, Satellite A/B Selection	DiSEqC 1.0 (Sat A* = ASTRA 19.2° East, Sat B = ASTRA 23.5° East) *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	80 cm (F/D = 0.6)
Weight	290 g

Logistical info	12 x 11.1 x 10.3 cm
Packaging dimensions (W x D x H)	0.342 kg
Packaging weight	30 pcs
Quantity per carton	57.5 x 25.5 x 33 cm
Carton dimensions (W x D x H)	11.06 kg
Carton weight	720 pcs
Quantity per pallet	





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.

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