



Click object to rotate

Pro



Quad 23mm ASTRA2Connect LNB with 14GHz filter for 80cm dish

IDLB-QUDL20-A2CON-8PP

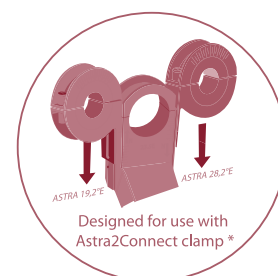
Item: 3308

The ASTRA2Connect service makes broadband Internet access available to homes in rural locations or otherwise beyond the reach of existing terrestrial broadband services. This special Quad-LNB makes Broadband and TV both possible for ASTRA2Connect subscribers with one satellite dish. The standard ASTRA2Connect equipment consists of a single feed iLNB for internet and TV / radio services from 23.5° E. Mounted on the Multifeed Clamp, Inverto's special Quad-LNB enhances the ASTRA2Connect experience with an extensive choice of TV and radio channels via the ASTRA satellites. The upgrade gives consumers additional access to more than 1,150 TV and radio channels at 19.2°E or more than 460 channels at 28.2°E. The new LNB is suitable for directly connecting up to four digital or analogue satellite receivers. It uses a special filter to suppress disturbances caused by the simultaneous use of internet and TV reception via satellite.

Visit our website www.inverto.tv for more information about ASTRA2Connect

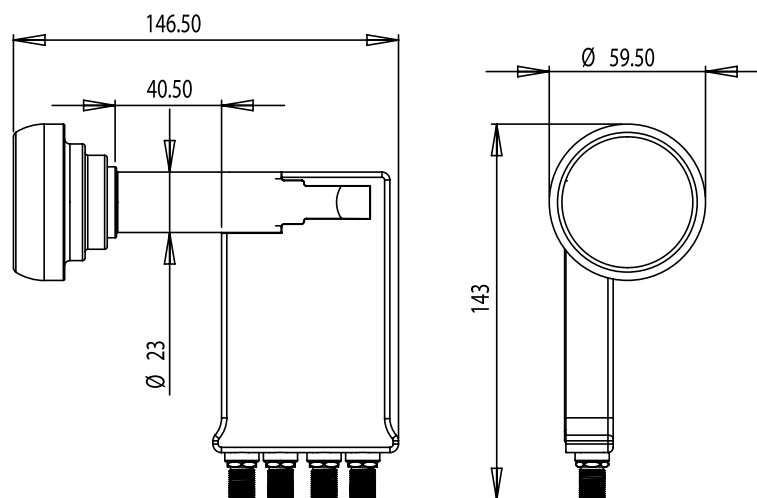
Main Features:

- 14GHz filter for optimal TV and Radio reception
- Low phase Noise HDTV-DVBS2 compliant
- Low Noise Figure (Max. 0.7 dB)
- Low Power consumption
- High Cross-Pole performance
- High Frequency stability



Technical data

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	0.7 dB Typ. (1.0 dB Max.)
LO Initial Accuracy	+/- 1.0 MHz Max.
LO Temperature Drift	+/- 3.0 MHz Max.
Phase Noise (@ 10 kHz)	- 80 dBc / Hz Max.
Conversion Gain	56 dB Min.
Gain Ripple (Over 26 MHz Bandwidth)	+/- 0.75 dB
Gain Variation (Over Full Band)	+/- 5 dB Max.
Image Rejection	40 dB Min.
1 dB Compression Point (@ Output)	0.0 dBm Min.
Cross Polarization Isolation	22 dB Min.
Control Signal Ca (Vertical Polarization)	11.5 ~ 14.0 V
Control Signal Cb (Horizontal Polarization)	16.0 ~ 19.0 V
Control Signal Cc (Band Switching)	22 +/- 4 kHz
Output VSWR	2.0 : 1
In-Band Spurious	- 60 dBm Max.
Current Consumption	200 mA Max. @ 11 ~ 20 V
Operating Temperature	- 30 °C ~ + 60 °C
Output Impedance	75 Ω
Output Connector	F-Type (Female)
Weight	255 g



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.

For further details contact: sales@inverto.tv

FTA Communication Technologies S.a.r.l. Tel. +352 264 367 1 Fax. +352 264 313 68

