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Mono

Quad Triple-feed Monoblock 23mm LNB, 19.2˚E+23.5˚E+28.2˚E for 65cm dish

IDLM-QUDM22-TRP00-6PP

Item: 5064

This Triple Feed LNB is a monoblock LNBF for Ku-band satellite reception from orbital positions 19.2˚E, 23.5˚E and 28.2˚E. It is intended to be installed with commercially available satellite dishes that have the following characteristics:

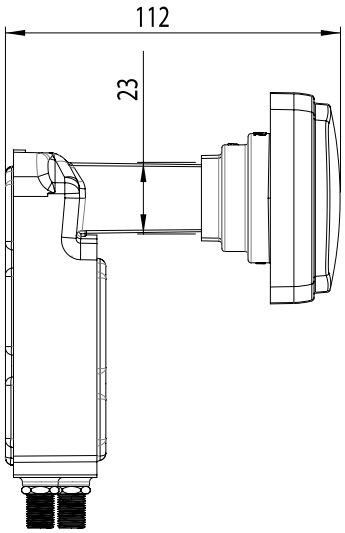
- 60~65cm wide parabolic offset reflector
- 40mm feed clamp with ~7mm profile
- F/D = 0.6

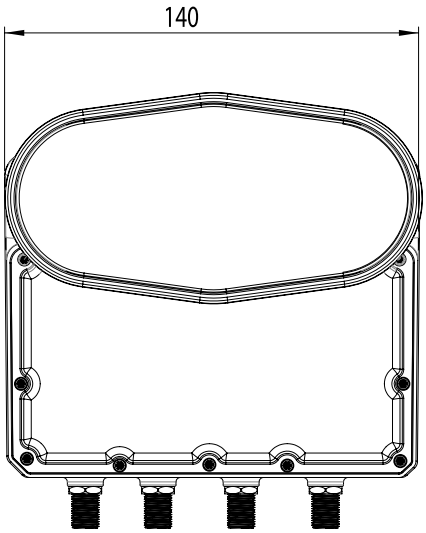
It receives a frequency range of 10.7 to 12.75GHz divided into Low Band (10.70 to 11.70GHz) and High Band (11.70 to 12.75GHz) with either horizontal or vertical polarization. The LNB provides four independently switchable IF outputs (QUAD model). The outputs carry also power supply and control signals. Output ports are F type.
A DiSEqC1.0 commands allow switching each of the outputs to a particular band and orbital position. "ODU A" corresponds to 19.2E, "ODU B" to 23.5E and "ODU C" to 28.2E. As long as no DiSEqC command has been received, the selected orbital position is 19.2E.

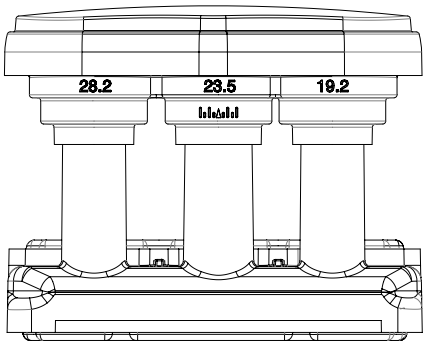
The LNB comprises three feeds, one for each orbital position. The feeds allow mounting into the feed clamp of the satellite dish. The feeds are marked with "19.2˚E", "23.5˚E" and "28.2˚E" respectively.

Technical data

Low Band Input Frequency Range	10.7 ~ 11.7 GHz
O/P Frequency Range	950 ~ 1950 MHz
LO Frequency	9.75 GHz
Noise Figure	1.2(max)dB
High Band Input Frequency Range	11.7 ~ 12.75 GHz
O/P Frequency Range	1100 ~ 2150 MHz
LO Frequency	10.6 GHz
Noise Figure	1.0(max)dB
LO Initial Accuracy	± 2.0 MHz
LO Temperature Drift	± 3.0 MHz
LO Phase Noise @ 1K Hz	-55 dBc / Hz
LO Phase Noise @ 10K Hz	-80 dBc / Hz
LO Phase Noise @ 100K Hz	-100 dBc / Hz
Conversion Gain	50 ~ 62 dB
Gain Variation	6 dB
Output 1 dB Compression Point	0.0 [min.] dBm
Crosstalk Isolation	20 (min) dB
Output VSWR	2.5 : 1 ~
Output Spurious (inter-modulation)	-55 [max] dB
DC Power	10~20/250 [max.] DCV/mA
Working Temperature	- 30 ~ + 60 °C
Output Impedance	75 Ω
Polarity , Band & Satellite Selection V, L, 19.2°E	13V, 0kHz, DiSEqC1.0: Sat A
Polarity , Band & Satellite Selection V, H, 19.2°E	13V, 22kHz, DiSEqC1.0: Sat A
Polarity , Band & Satellite Selection H, L, 19.2°E	18V, 0kHz, DiSEqC1.0: Sat A
Polarity , Band & Satellite Selection H, H, 19.2°E	18V, 22kHz, DiSEqC1.0: Sat A
Polarity , Band & Satellite Selection V, L, 23.5°E	13V, 0kHz, DiSEqC1.0: Sat B
Polarity , Band & Satellite Selection V, H, 23.5°E	13V, 22kHz, DiSEqC1.0: Sat B
Polarity , Band & Satellite Selection H, L, 23.5°E	18V, 0kHz, DiSEqC1.0: Sat B
Polarity , Band & Satellite Selection H, H, 23.5°E	18V, 22kHz, DiSEqC1.0: Sat B
Polarity , Band & Satellite Selection V, L, 28.2°E	13V, 0kHz, DiSEqC1.0: Sat C
Polarity , Band & Satellite Selection V, H, 28.2°E	13V, 22kHz, DiSEqC1.0: Sat C
Polarity , Band & Satellite Selection H, L, 28.2°E	18V, 0kHz, DiSEqC1.0: Sat C
Polarity , Band & Satellite Selection H, H, 28.2°E	18V, 22kHz, DiSEqC1.0: Sat C







For further details contact: **sales@inverto.tv**

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

www.inverto.tv

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