



Pro

Single C+Ku Band Linear LNB with Scalar Ring IDLP-SNSKCO-OOPRO-OPH

ltem: 5941

Addressing the global satellite TV markets, this LNB provides optimized reception capabilities for DTH services operating in the C-band and/or Ku-band. It enables the reception from one satellite and distribution of the received signal over a single cable to a single tuner Set-top box. It is ready for High Definition transmissions and provides excellent noise figure and cross polarization isolation performances. A short RF lead is supplied to connect the Ku output port to the input port of a built-in DiSEqC switch.

The LNB outputs over a single cable either the C-band signals or the Ku-band signals based on the DiSEqC command received from the set-top-box (C-band = port A, Ku-band = port B).

Manufactured to the highest industry quality standards and designed to meet strict specifications, this LNB is an ideal solution for receiving hybrid satellite TV services provided over C-band and/or Ku-band worldwide.

Main Features:

- Low Phase-Noise
- DVB-S2 (HDTV) compliant
- Low Noise-Figure
- Low Power Consumption
- High Cross Polarization Isolation





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Technical data

Input frequency range

Output frequency range

LO frequency

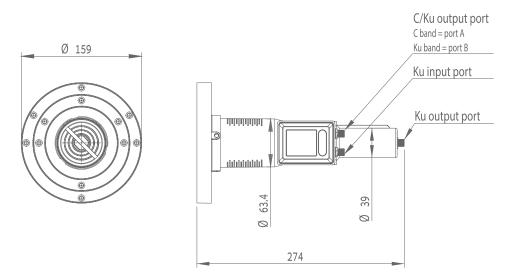
Noise figure

LO temperature drift LO Initial accuracy Polarization LO phase noise @ 10 kHz Conversion gain Gain ripple (over 26 MHz bandwidth) Gain variation (over full band) Image rejection 1 dB compression point (@ output) Cross polarization isolation Control signal Ca (V) Control signal Cb (H) Control signal Cc (band switching) DiSEqC A input DiSEqC B input Output VSWR In band spurious level Current consumption Operating temperature Output impedance Output connector type Weight

Logistical info

Packaging dimensions (h x w x d) Packaging weight Quantity per carton Carton dimensions (h x w x d) Carton weight Quantity per pallet C-band: 3.4 GHz ~ 4.2 GHz (V/H) Ku-band: 10.7 GHz ~ 12.75 GHz (V/H) C-band: 950 MHz ~ 1750 MHz (V/H switchable) Ku-band: 950 MHz ~ 2150 MHz (V/H switchable) C-band: 5.15 GHz Ku-band: 9.75/10.6 GHz C-band: 13°K max. Ku-band: 0.7 dB max. ±2.0 MHz (-30°C ~ +60°C) ±1.0 MHz Linear, Horizontal & Vertical -90 dBc / Hz 55 dB ~ 68 dB ±1 dB ±4 dB 40 dB min. 0 dBm min. 18 dB min. 11V ~ 14V 16V ~ 20V 0/22 kHz C-band Ku-band 2.5:1 -60 dBm max. 100 mA max. (11V ~ 20V) -25°C ~ +60°C 75 Ω F-Type 400 g

16.5 cm x 10 cm x 27.2 cm 0,6 kg 20 pcs 71.8 cm x 36.4 cm x 22 cm 13.5 kg 400 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.