



# Pro

## Single High-Band 40mm LNB (LO10.60 GHz) IDLO-SNS410-H1060-OPN

ltem: 5712

Specifically designed for DTH operators utilizing set top boxes with a 10.60 GHz LO setting, this LNB provides optimized reception performance for high band frequencies in both horizontal or vertical polarizations. The LNB fully supports DVB-S2 and HD/UHD broadcasts and provides excellent cross polarization isolation and Noise Figure performances. It enables the reception of satellite signals from one satellite and their distribution to a single tuner Set-top box. Manufactured to the highest quality standards and delivering high performance at low power, compact and a super cost efficient design make this LNB an ideal solution for DTH operators worldwide having their service over the high band frequency range.

#### **Main Features:**

- LO frequency 10.60 GHz
- Low phase noise and low noise figure
- DVB-S2 HD/UHD compliant
- Low power consumption
- High cross polarization performance
- High frequency stability







### Technical data

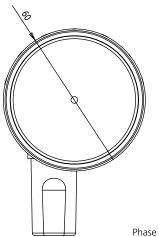
High band input frequency range High band output frequency range High band LO frequency Noise figure LO frequency accuracy @ 25° C LO temperature drift @ 25° C LO phase noise @ 10 kHz Conversion gain Gain ripple (over 26 MHz bandwidth) Gain variation (over full band) Image rejection 3th order intermodulation - ICP3 1 dB compression point (@ output) Cross polarization isolation Control signal Ca (V) Control signal Cb (H) Output VSWR In band spurious level Current consumption Operating temperature Output impedance Output connector type Weight

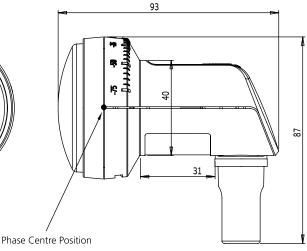
#### Logistical info

Packaging dimensions (h x w x d) Packaging weight Quantity per carton Carton dimensions (h x w x d) Carton weight Quantity per pallet

11.7 GHz ~ 12.75 GHz 1100 MHz ~ 2150 MHz 10.60 GHz 0.6 dB typ. (0.9 dB max.) ±600 kHz ±1.0 MHz max. -80 dBc/Hz 55 dB min. ±0.75 dB ±3 dB max. 40 dB min. 10 dBm min. 0.0 dBm min., >3 dBm typ. 23 dB min., 25 dB typ. 11.0 V ~ 14.0 V 16.0 V ~ 20.0 V 2.5:1 -60 dBm max. 100 mA max. (11 VDC ~ 20 VDC) -25 °C ~ +60 °C 75 Ω (F-type) F-Type (female) 75 g

9.3 cm x 5.2 cm x 11.3 cm 0.104 Kg 100 9.5 cm x 6.5 cm x 6.5 cm 11.4 kg 2800





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.