



Pro

Single High-Band Circular 40mm LNB (LO10.75 GHz) IDLP-SNR410-H1075-OPX

Item: 5651

Specially designed for the European DTH markets, this LNB provides optimized reception capabilities for receiving high band circular polarized signals. It embeds a 10.75 GHz LO for easy connectivity with any Set-top box supporting a 10.75 GHz LO settings. The LNB fully supports high definition broadcasts and provides excellent noise figures performance. It enables the reception of signals from one satellite and its distribution to a single tuner Set-top box. Designed to meet strict specifications and manufactured to the highest industry quality standards, this LNB is an ideal solution for receiving circularly-polarized satellite broadcasts across Europe.

Main features:

- LO frequency 10.75 GHz
- Low phase noise
- HDTV-DVB-S2 compliant
- Low noise figure
- Low power consumption
- High cross-polarization isolation
- High frequency stability







Technical data

High band input frequency range High band output frequency range

High band LO frequency

Noise figure

LO temperature drift

LO initial accuracy @ 25° C

Polarization

LO phase noise @ 1 kHz LO phase noise @ 10 kHz LO phase noise @ 100 kHz

Conversion gain

Gain ripple (over 26 MHz bandwidth)

Gain variation (over full band)

Image rejection

1 dB compression point (@ output)

Cross polarization isolation Polarization selection - LHCP Polarization selection - RHCP

Output VSWR

In band spurious level Current consumption Operating temperature Output impedance Output connector type

Weight

Logistical info

Packaging dimensions (W x D x H)

Packaging weight Quantity per carton

Carton dimensions (W x D x H)

Carton weight Quantity per pallet 11.7 GHz ~ 12.75 GHz

950 MHz ~ 2000 MHz

10.75 GHz

0.8 dB typ.

±2 MHz

±1 MHz Circular

-70 dBc/Hz max.

-80 dBc/Hz max.

-90 dBc/Hz max.

55 dB ~ 65 dB

±1 dB

±3 dB

40 dB min.

0.0 dBm min.

18 dB min.

10.5 V ~ 14.5 V

15.5 V ~ 21.0 V

2.0:1

-60 dBm max.

100 mA max. @ 10.5 V ~ 21.0 V

-30 °C ~ +60 °C

75 Ω

F-Type (female)

90 g

10.7 cm x 6.2 cm x 6.8 cm

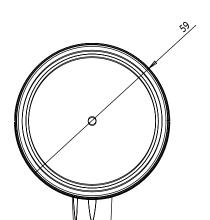
0.1 Kg

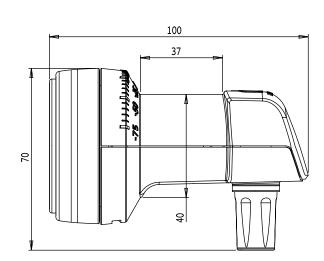
100 pcs

45.5 cm x 32.5 cm x 36.5 cm

11.2 Kg

2000 pcs





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