



Pro

Wideband 40mm LNB with Horizontal/Vertical ports, LO 10.40 GHz (EU)
IDLP-WDB400-EUPRO-OPN

Item: 6047

Specifically designed to meet the increasing demand of DTH operators for lower cost MDU and Multi-tuner Home Gateway installations. This professional LNB is based on a single 10.40 GHz local oscillator delivering outstanding RF performance over the entire frequency range (L-band) over two output ports (vertical and horizontal) combined with a greater immunity against terrestrial/4G interferences.

Manufactured to the highest industry quality standards and designed to meet strict specifications, this LNB is an ideal solution for a cost-effective reception of one satellite and its distribution to multi-tuner home gateways or to multiswitches with compatible wideband LNB inputs.

Main Features:

- Local Oscillator: 10.40 GHz
- Low Phase Noise, DVB-S2 (HDTV) compliant
- Low Noise Figure
- Low Power Consumption
- High Cross Polarization Isolation
- High Frequency stability (PLL)
- Greater immunity against 4G interferences



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Wide
Band

40
mm

ULN
Low Noise
Technology

4G

4K
Ultra HD

Technical data

Input frequency range	10.7 GHz ~ 12.75 GHz
IF frequency range	300 MHz ~ 2350 MHz
LO frequency	10.40 GHz
Noise figure	0.7 dB typ. (1 dB max.)
LO accuracy @ 25 °C	±0.5 MHz
LO temperature drift	±1 MHz
LO phase noise @ 10 kHz	-80 dBc/Hz max.
Conversion gain	50 dB ~ 60 dB min.
Gain ripple (over 26 MHz bandwidth)	±0.5 dB @ 27 MHz
Gain variation (over full band)	6 dB max.
Image rejection	40 dB min. (8.05 GHz ~ 10.1 GHz)
1 dB compression point (@ output)	0.0 dBm min.
Cross polarization isolation	25 dB min.
Output VSWR	2.5 : 1
In band spurious level	-60 dBm max.
Current consumption	100 mA max. @ 11 V ~ 20 V
Operating temperature	-30 °C ~ +60 °C
Output impedance	75 Ω
Output connector type	F-Type (female)
Weight	98 g

Logistical info

Packaging dimensions (W x D x H)	106 mm x 65 mm x 65 mm
Packaging weight	125 g
Quantity per carton	100PCS
Carton dimensions (W x D x H)	56.5cm x 34.5cm x 28cm
Carton weight	13.5 kg
Quantity per pallet	4200 pcs

