

OPT LNB-D000451



Wideband LNB

Manufacturer: [Invacom](#)

Description

Wideband LNB designed to be used with the Global Invacom OTx headend for optimum performance. 2 fixed polarity wideband outputs with F type connectors. One port for vertical polarity and one for Horizontal. The unit can only be powered via the Vertical Output.

Product Features

- Fully compatible with GI OTx Headend
- 2 x F connector wideband outputs
- Space saving design
- Small form factor

Technical Specifications

RF input frequency range (GHz) 10.7 12.75 Linear polarisation

RF output frequency range (MHz) 290 2340

Gain (dB) 50 62

Gain variation full band (dB p-p) 7

Gain flatness 26MHz (dB p-p) 1

Phase noise (dBc/Hz) -75 @10kHz, -90 @100kHz

Feedhorn F/D 0.6

Input polarisation Linear

Image rejection (dB) 40 10.7—12.75 Ghz

LO Frequency stability $-30/+60^{\circ}\text{C}$ (MHz) $-0.8 +0.8$

Input polarisation 8

Image rejection (dB) 30 typ

LO Frequency (GHz) 10.41

Noise Figure (dB) 0.5

Input Voltage 8-21V

Current Consumption 125mA Max

Operating temperature -30°C to +60°C

Unit only 60mm x 60mm x 100.2mm

Output 2 x F connector