

Wideband LNB

Overview

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

Product Part No.

Wideband LNB	D000451
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RF Signal

Parameter	Min	Max	Notes
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		
LO Frequency (GHz)	10.41		
Noise Figure (dB)	0.5		
Feedhorn F/D	0.6		
Input polarisation	Linear		
Image rejection (dB)	40		10.7 – 12.75 Ghz
Phase noise (dBc/Hz)		-50	@1kHz
		-75	@10kHz
		-90	@100kHz
LO Frequency stability -30/+60°C (MHz)	-0.8	+0.8	
Input polarisation	8		
Image rejection (dB)	30 typ		

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DC specification

Input Voltage	8-21V
Current Consumption	125mA Max

Environmental Specification

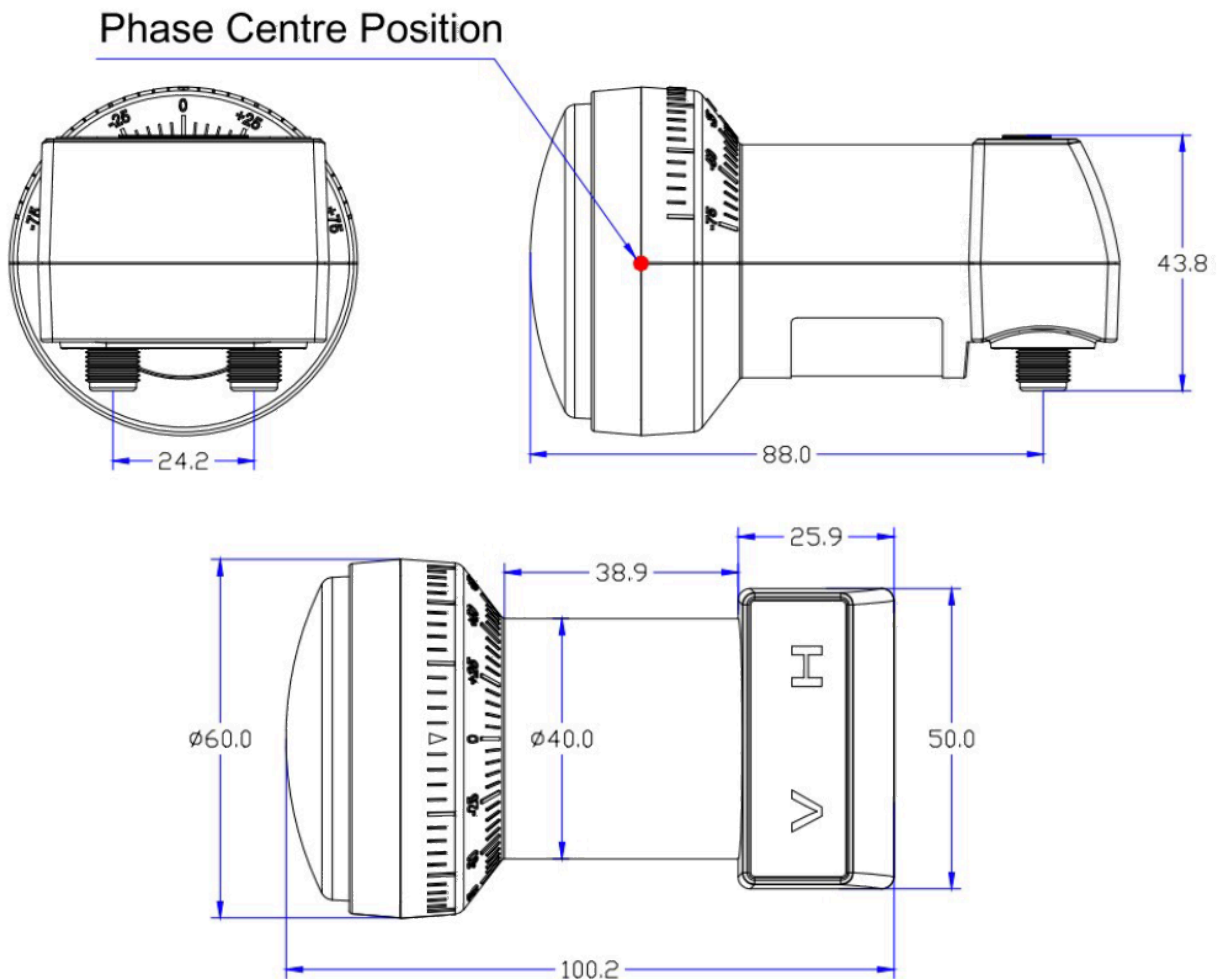
Operating temperature	-30°C to +60°C
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Dimensions (WxHxD)

Unit only	60mm x 60mm x 100.2mm
Weight	TBC

Connectors

Output	2 x F connector
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Global Invacom will only support systems that are installed using FibreIRS™ approved fibre cabling & system components.

Note: Specifications subject to change without notice