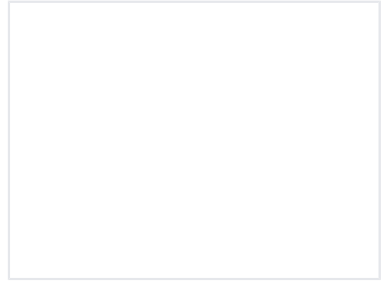


Satellite Signal LNB Downconverter

This L-shaped single LNB downconverter is designed for satellite signal reception. It is optimized for efficient signal capture and conversion, providing reliable performance for satellite TV and data applications.



Product Overview

High-Performance Satellite Signal Reception

This L-shaped single LNB downconverter is engineered for reliable satellite signal reception in both residential and commercial applications. Featuring an ultra-low noise figure of 0.5dB and high conversion gain, it ensures superior signal clarity for satellite TV and data systems. Its robust, weather-resistant design is suitable for diverse outdoor environments, operating effectively between -40°C and +60°C.

Technical Specifications

Frequency Performance

11.7 GHz

Input Frequency Range (Low Band)

12.75 GHz

Input Frequency Range (High Band)

0.5 dB

Noise Figure

60 dB

Conversion Gain

Local Oscillator Details

Parameter	Low Band	High Band
L.O. Frequency	9.75 GHz	10.6 GHz
Output Frequency	950-1950 MHz	1100-2150 MHz

Electrical Requirements

Power Consumption & Voltage

- Vertical Polarization Voltage: 11.5 - 14 Vdc
- Horizontal Polarization Voltage: 16 - 19 Vdc
- DC Current Consumption: < 200 mA

Environmental Data

Operational Temperature	-40°C to +60°C
Storage Temperature	-55°C to +80°C

Certifications & Features

Key Features	RoHS Compliant, Outdoor Rated, L-Shape Design, Universal Compatibility
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