

Universal Ku-Band Single LNB

This LNB is DVB-S2 (HD and UHD) compliant with a low noise figure. It features UV-resistant weather protection housing.



ADDITIONAL IMAGES



Product Overview

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This Universal Ku-Band Single LNB is designed for professional satellite signal reception, offering full compatibility with DVB-S2, HD, and UHD broadcasting standards. Engineered for resilience, it features a UV-resistant weather-proof housing and a custom-fit cap to ensure consistent performance in extreme heat and cold. It provides reliable signal integrity through high cross-polarization isolation and exceptional frequency stability, making it an ideal solution for robust satellite TV systems.

Key Features

Advanced Features

DVB-S2 Compliant, HD/UHD Ready, Low Noise Figure, Low Power Consumption, UV-Resistant Housing, High Frequency Stability

Technical Specifications

Frequency Ranges

Band	Input Range	Output Range	L.O. Frequency
Low Band	10.70-11.70 GHz	950-1950 MHz	9.75 GHz
High Band	11.70-12.75 GHz	1100-2150 MHz	10.60 GHz

Performance Metrics

20 dB

Cross-Pol Isolation

40 dB

Image Rejection

0 dBm

P1dB

100 mA

DC Current Consumption

Signal Quality

- Gain Flatness: $\pm 0.5\text{dB}/27\text{MHz}$
- Output VSWR: 2.0:1 (Typ.)
- L.O. Frequency Stability: $\pm 1.0\text{MHz}$ (Max.) at +25°C