

Universal Ku-Band LNB

This LNB is a solution for DTH operators and satellite broadcast reception. It supports 4K Ultra HD transmissions and provides full coverage of Ku-Band for analog and digital reception.



ADDITIONAL IMAGES



Product Overview

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This high-performance Ku-Band LNB is an essential solution for DTH operators and professional satellite broadcast reception. Designed to support 4K Ultra HD transmissions, it provides full frequency coverage for both analog and digital signals. Engineered for reliability, it features low noise figures and high gain to ensure excellent signal quality even in demanding environmental conditions.

Technical Specifications

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|----------------------------|----------------|
| Input Frequency Range | 11.70-12.75GHz |
| Output Frequency Range | 950-2000MHz |
| Local Oscillator Frequency | 10.75 GHz |

Performance Metrics

L.O. Frequency Stability

- $\pm 1.0\text{MHz}$ (Max.) @ $+25^\circ\text{C}$
- $\pm 2.0\text{MHz}$ (Max.) @ -30°C to $+70^\circ\text{C}$

| | |
|------------------------|---------------------------------|
| Gain Flatness | $\pm 0.5\text{dB}/27\text{MHz}$ |
| Polarization Isolation | 20 dB |
| Image Rejection | 40 dB |
| Output VSWR | 2.0:1 |

Features

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|------------------|---|
| Key Capabilities | 4K Ultra HD Support, DTH Ready, Analog Reception, Digital Reception, Low Noise, High Gain |
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