

# Universal Straight Feed Single LNBF

This LNBF is designed for satellite signal reception. Its low noise figure ensures optimal signal clarity and minimal interference.



## Product Overview

### Universal Single LNBF Performance

This high-performance Universal Straight Feed Single LNBF is engineered for superior satellite signal reception across wide frequency bands. Featuring an impressively low noise figure of 0.6dB, it ensures exceptional signal clarity and minimal interference for professional-grade satellite installations. Its durable construction is designed to withstand harsh environments, operating reliably from -40°C up to +60°C.

## Technical Specifications

### Local Oscillator Frequencies

**9.75 GHz**  
Low Band

**10.6 GHz**  
High Band

Input Frequency Range	10.7 ~ 11.7 GHz, 11.7 ~ 12.75 GHz
Noise Figure	0.6 dB
Conversion Gain	50 dB
Gain Flatness	±0.5dB / 27MHz

## Electrical Requirements

### Operating Voltage

Polarization	Voltage Range
Vertical	11.5 ~ 14 Vdc
Horizontal	16 ~ 19 Vdc

DC Current Consumption	200 mA
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## Environmental Ratings

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