

# Triple LNB Feedhorn Assembly

Triple LNB feedhorn allows simultaneous reception from three satellites using one dish antenna. It minimizes interference with high isolation between LNBs, ensuring optimal signal quality.



## Product Overview

### Triple Satellite Reception Solution

The Triple LNB Feedhorn Assembly allows for the simultaneous reception of signals from three different satellite positions using a single dish antenna. This efficient design eliminates the need for frequent dish realignments, providing a streamlined setup for multi-satellite access. Engineered with high isolation and robust environmental resistance, this assembly is suitable for both residential and commercial satellite communication systems.

## Key Performance Metrics

### Performance Highlights

**65 dB**

Conversion Gain

**17 K**

Noise Figure

**3.4 GHz**

Input Freq Min

## Technical Specifications

### Frequency Specifications

Parameter	Value
Input Frequency	3.4~4.2 GHz
L.O. Frequency	5.15 GHz $\pm$ 1 MHz
Output Frequency	950~1750 MHz

### Electrical Characteristics

- DC Supply: 11-14.5V (V), 15.5-22V (H)
- Supply Current: 130 mA (Max)
- Output Impedance: 75 Ohms

### Switching Protocol

DiSEqC-A(1)-B(2)-C(3)

## Environmental Durability

### Operating Environment

-40°C to +70°C, 0% to 95% Humidity