

Dual Satellite LNBF for Single Dish

This dual LNBF allows simultaneous reception from two satellites using a single dish. It features high gain and a low noise figure to ensure optimal signal quality.



Product Overview

Dual Satellite LNBF Solution

The DP-2in1 Dual Satellite LNBF allows for simultaneous reception from two satellites using a single dish, providing a streamlined and efficient installation for multi-satellite setups. Engineered for high performance, this unit features a 17°K noise figure and 65dB conversion gain to ensure optimal signal quality. Built to withstand harsh environmental conditions, it operates reliably in temperatures ranging from -40°C to +70°C, making it an ideal choice for diverse professional satellite communication installations.

Technical Performance

Conversion Gain

65 dB

Conversion Gain

17 °K

Noise Figure

50 dB

Image Rejection

Frequency Specifications

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

Environmental & Electrical

Operating Conditions

- Temperature range: -40°C to +70°C
- Relative Humidity: 0% to 95%
- Stability: ±2 MHz

Power Requirements

11-14.5V (V) • 15.5-22V (H) • 130mA Max Current

Connectivity

Interface Specifications

- RF Input: WAVE GUIDE WC-229
- IF Output: F-Type Female
- Output Impedance: 75 Ohms