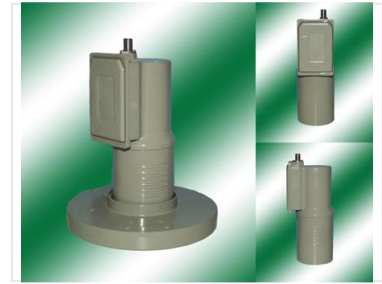


Low Noise Block Feedhorn LNBF

This Low Noise Block Feedhorn (LNBF) is engineered for optimal signal reception with the lowest possible noise figure. It features a robust, weatherproof housing for reliable outdoor performance.



Product Overview

High-Performance LNBF for Satellite Communication

The DP651 Low Noise Block Feedhorn (LNBF) is engineered for optimal signal reception with an exceptionally low noise figure, ensuring superior signal clarity. Designed for satellite communication systems, this unit provides reliable performance in diverse environmental conditions thanks to its robust, weatherproof housing. It is an ideal solution for satellite TV reception and data communication needs, offering consistent signal quality and minimal interference.

Technical Specifications

Model Number	DP651
Input Frequency Range	3.4 - 4.2 GHz
Output Frequency Range	950 - 1750 MHz
L.O. Frequency	5.15 GHz
Noise Figure	13 °K

Performance Metrics

Key Performance Metrics

65 dB

Conversion Gain

50 dB

Image Rejection

23 dB

Cross Polar Isolation

Connectivity

Connectors

Port	Connector Type
RF Input	Wave Guide WC-229
IF Output	F Type Female

Electrical Requirements

Power Specifications

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

Environmental Conditions

Operating Environment

-40°C to +70°C, 0% to 95% Relative Humidity