

C-Band Dual Polarity LNBF

This C-Band dual polarity LNBF is designed for satellite communication systems. It receives C-band signals and converts them to a lower frequency for transmission to a satellite receiver.



Overview

C-Band Dual Polarity LNBF

The DP09 C-Band Dual Polarity LNBF is a high-performance component designed for satellite communication systems. It efficiently receives C-band signals and converts them to a lower frequency for transmission to a satellite receiver. With dual polarity support, it enables simultaneous reception of both vertical and horizontal polarized signals, making it an ideal choice for reliable satellite TV and data communication applications.

Performance Metrics

Conversion Gain

65 dB

Conversion Gain

Noise Figure

17°K

Frequency Specifications

Input Frequency

3.4-4.2 GHz

L.O. Frequency

5.15 GHz

Output Frequency

950-1750 MHz

Electrical Specifications

DC Supply Voltage

Polarity	Voltage Range
Vertical (V)	11-14.5 V
Horizontal (H)	15.5-22 V

Supply Current

130 mA

Connectivity

RF Input Connector

Wave Guide WC-229

IF Output Connector

F Type Female

Environmental

Operating Temperature

-40°C to +70°C

Relative Humidity

0% - 95%