

dCSS 16 User Band LNB

This low-noise block downconverter is designed for satellite signal reception. It uses digital channel stacking switch (dCSS) technology to allow simultaneous distribution of multiple satellite signals over a single coaxial cable, connecting up to 16 user bands.



ADDITIONAL IMAGES



Product Overview

Advanced dCSS Satellite Distribution

The dCSS 16 User Band LNB is a high-performance solution designed for modern satellite installations, supporting up to 16 user bands over a single coaxial cable. It is fully compliant with DVB-S2 (HD and UHD) standards and features DiSEqC EN50494 and EN50607 protocols for seamless integration. Built with a UV-resistant, weather-protected housing, this LNB ensures reliable signal stability in extreme temperature conditions while reducing the need for expensive multiswitches.

Technical Performance

User Bands

16

User Bands (UB)

Input Frequency Range	10.7 GHz - 12.75 GHz
Noise Figure	0.3 dB
Conversion Gain	60 dB

Connectivity & Protocols

Output Specifications

Parameter	Value
Output Frequency	950 - 2150 MHz
L.O. Frequency	9.75 / 10.6 GHz
Output Power	High
Cross-pol Isolation	High

Supported Protocols	DiSEqC EN50494, DiSEqC EN50607, DVB-S2, HD/UHD Compliant
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Physical & Environmental

Environmental Protection

- UV-resistant weather protection housing
- Custom-fit weather protection cap
- Extremely heat resistant
- Extremely cold resistant

Installation Benefits

Key Advantages

- Reduces number of required cables
- Saves cost on external mult switches
- Dynamic Mode support
- Low power consumption
- High frequency stability

Configuration

Configuration Support

PC Windows application provided for custom product configuration via dCSS controller