



KU Band Quad LNB

Enjoy clearer, more reliable satellite reception with the KU Quad Low Noise Block (LNB). Built for both professional and home use, this LNB combines advanced technology with tough durability, ensuring you get the best signal quality even in challenging conditions. Whether you're using it for broadcasting, satellite TV, or data transmission, the KU Quad provides great performance and precision.

- Ultra-Low Noise Figure (0.3dB) to minimise degradation
- High Gain (>65dB) to amplify weak signals without compromising quality
- Wide Temperature Range (-40°C to + 70°C) built to withstand harsh climates
- Dual Polarisation switching between Vertical (11.5-14V) and Horizontal (16-19V) polarisations @ 150mA
- Phase Noise Optimisation to ensure stable frequency conversion with minimal interference

Input Frequency	Low Band: 10.70-11.70Ghz High Band: 11.70-12.75Ghz
Output Frequency	Low Band: 950-1950MHz High Band: 1100-2150MHz
LO Frequency	Low Band: 9.75 GHz ±1MHz High Band: 10.60 GHz ±1MHz
Low Noise Figure	0.3 dB
Gain	>65dB Very flat response of ±2dB
Cross Polar Isolation	≥20 dB
Power Supply	Vertical Polarity: 11.5-14V DC Horizontal Polarity: 16-19V DC
Control Signals	22 kHz tone for band switching (Cc)
Phase Noise	-50 dBc/Hz @1 kHz -75 dBc/Hz @10 kHz -95 dBc/Hz @100 kHz
Operating Temperature	-40°C to +70°C