Universal QUAD LNB

LNB is the receiving device mounted on satellite dishes used for satellite TV reception, which collects the radio waves from the dish. All LNBs are subjected to rigid quality control standards, ensuring you will receive the highest quality.

- Low Noise Block down converter
- Water resistant

Diagram

CABLE STRIPPING

F-CONNECTOR ASSEMBLY

PLEASE ENSURE THE LNB IS SET TO THE CORRECT ALIGNMENT 8.4 O’CLOCK.

Note:
Recommended accessories for this product are the:
- Elsat BMGD1 (Digital Satellite Seeker for easy dish alignment)
- BPACAC10M
- BPACAC20M
- BPAPF

PACKAGE DIMENSIONS

<table>
<thead>
<tr>
<th>Item</th>
<th>Height (mm)</th>
<th>Depth (mm)</th>
<th>Width (mm)</th>
<th>Weight (kg)</th>
<th>QTY</th>
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<tbody>
<tr>
<td>LNBU410.6 Gift Box</td>
<td>135</td>
<td>66</td>
<td>110</td>
<td>0.09</td>
<td>1</td>
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<tr>
<td>LNBU410.6 Carton</td>
<td>340</td>
<td>535</td>
<td>285</td>
<td>14</td>
<td>50</td>
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<tr>
<td>BLNBU4 Blister</td>
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<td>290</td>
<td>530</td>
<td>15</td>
<td>50</td>
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</tbody>
</table>

TECHNICAL INFORMATION

SPECIFICATIONS

- **Input Frequency:**
  - Low Band: 10.70 ~ 11.70GHz
  - High Band: 11.70 ~ 12.75GHz

- **L.O. Frequency:**
  - Low Band: 9.75GHz
  - High Band: 10.60GHz

- **L.O Frequency Stability:**
  - ±1.0MHz (Max.) @ +25ºC
  - ±2.5MHz (Max.) @ -40ºC ~ +60ºC

- **Output Frequency Range:**
  - Low Band: 950 ~ 1950MHz
  - High Band: 1100 ~ 2150MHz

- **Noise Figure:** 0.7dB (Typ.)

- **Conversion Gain:** 62dB (Typ.) at room temp.

- **Gain Flatness:** ±1dB / 26MHz (Max.)

- **L.O Phase Noise:**
  - -55dBc / Hz @ 1KHz
  - -75dBc / Hz @ 10KHz
  - -95dBc / Hz @ 100KHz

- **Cross POL. Isolation:** 20dB (Typ.)

- **Image Rejection:** 40dB (Min.)

- **Output VSWR:** 2.5 : 1 (Max.)

- **DC Current Consumption:** 180mA (Max.)

- **Low/High Bands Switching:**
  - Low Band: 0kHz
  - High Band: 22kHz ± 4kHz

- **POL Switching Voltage:**
  - 10.5 ~ 14.0 V @ VP
  - 16.0 ~ 21.0 V @ HP

- **Operating Temperature:** -40ºC ~ + 60ºC

THE PACKAGE CONTAINS

LNBU410.6 : Universal QUAD LNB or BLNBU4 : Universal QUAD LNB