LBNA2/LNNA2 is a wideband UHF antenna LPDA (log periodic dipole Array). It enhances reception providing approx. 6dB gain with a typical beam-width of 90 degrees.

**Antenna Data**
- Dimension: 336 mm L x 276 mm H x 61 mm H
- Material: Epoxy fiberglass (copper – clad)
- Finishing: Black matte
- Mounting: 5/8” Withworth or 3/8” with adapter
- Weight: 560g

**Booster Specifications**
- Frequency: UHF 470–870 MHz (420–1300 MHz bypassed)
- Input/output impedance: 50 ohm (SWR = < 1:1.5; typ. = 1:1.4)
- Connectors: BNC-female type (for LBNA2), N-female type (for LNNA2)
- Gain (max): 0–15 dB (typical), selectable in step of 1 dB (+/- button)
- OIP3: +43 dBm (Output 3rd order Intercept Point) typical
- Gain flatness: ± 1 dB, in the whole working window
- Powering: +12 V, 100mA

**Typical attenuation of most used coax. cables (100 m):**

<table>
<thead>
<tr>
<th>Cable type</th>
<th>Diameter (mm)</th>
<th>Attenuation @ 400 MHz</th>
<th>Attenuation @ 900 MHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>RG 58 C/U</td>
<td>4.95</td>
<td>32 dB</td>
<td>52 dB</td>
</tr>
<tr>
<td>RG 213 /U</td>
<td>10.3</td>
<td>13 dB</td>
<td>22 dB</td>
</tr>
<tr>
<td>RG 218 /U</td>
<td>22.1</td>
<td>7 dB</td>
<td>14 dB</td>
</tr>
<tr>
<td>Cellflex - ¾” foam dielectric</td>
<td>8.8</td>
<td>8.4 dB</td>
<td>12.8 dB</td>
</tr>
</tbody>
</table>