Our low-profile directional antennas are designed for EMC and wireless testing applications from 400 MHz to 6 GHz and beyond. These antennas are etched on a low-loss microwave substrate. The broadband, log-periodic structure enables operation over a very wide frequency range with constant gain. Innovative design and manufacturing techniques result in long-lasting performance.

A stainless steel rear mounting tube aids in mounting and handling. An optional Polarization Mount (pictured) is available for use with a tripod or permanent fixture. Kits available.

Specifications

- **Frequency/Gain**: See below
- **Impedance**: 50 ohms nominal
- **VSWR**: < 2:1
- **Connector**: Type SMA female
- **Polarization**: Linear
- **Cross Polarization**: 20 dB
- **F/B Ratio**: 20 dB
- **Power**: 10 watts CW maximum
- **Mounting Tube**: 1/2” dia. stainless steel
- **Finish**: Powder-coat

Options:

- Polarization mount
- Individual calibration
- Custom frequencies
- Carrying case

<table>
<thead>
<tr>
<th>Model</th>
<th>Frequency Range</th>
<th>Typical Gain</th>
</tr>
</thead>
<tbody>
<tr>
<td>LP430</td>
<td>400 MHz–3 GHz</td>
<td>5 dBi</td>
</tr>
<tr>
<td>LP460</td>
<td>400 MHz–6 GHz</td>
<td>5 dBi</td>
</tr>
<tr>
<td>LP6530</td>
<td>650 MHz–3 GHz</td>
<td>7 dBi</td>
</tr>
<tr>
<td>LP760</td>
<td>700 MHz–6 GHz</td>
<td>6 dBi</td>
</tr>
<tr>
<td>LP60</td>
<td>1.3–6 GHz</td>
<td>6 dBi</td>
</tr>
</tbody>
</table>

SunAR RF Motion
6780 Sierra Court,
Suite R
Dublin, CA 94568
925-833-9936
www.SunARrfmotion.com

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