DUAL POLARIZED LOG-PERIODIC ANTENNAS

**ANT-DLPA**

**FEATURES**
- Broadband Performance
- Dual Linear Polarization
- Constant Gain

**DESCRIPTION**
NSI-MI Technologies' Dual Polarized Log-Periodic Antennas (ANT-DLPA) combine broadband coverage with the versatility of dual polarization. The ANT-DLPA consists of two crossed log-periodic arrays, specifically designed for VHF and UHF frequency bands. A mounting flange is provided at the base of the array for easy attachment to positioning systems.

**INCLUDES**
- ANT-DLPA Dual Polarized Log Periodic Antenna
- User Manual

**IDEAL FOR**
- Compliance Testing
- Radiated Emissions
- VHF and UHF Source Antenna

**AVAILABLE ADD-ONS**
- Mounting Hardware

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Test with Confidence™
### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>Frequency Range (GHz)</th>
<th>Nominal Gain (dBi)</th>
<th>Average Power (W)</th>
<th>Nominal Beamwidth</th>
<th>Length cm (in.)</th>
<th>RF Connector</th>
<th>Center of Gravity cm (in.)</th>
<th>Weight kg (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANT-DLPA-0.1-1</td>
<td>0.10 - 1.0</td>
<td>8</td>
<td>200</td>
<td>60° E-Plane</td>
<td>183 (72)</td>
<td>N-Female</td>
<td>61 (24) from flange</td>
<td>12 (25)</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>120° H-Plane</td>
<td></td>
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<tr>
<td>ANT-DLPA-0.15-1</td>
<td>0.15 - 1.0</td>
<td>8</td>
<td>200</td>
<td>60° E-Plane</td>
<td>116 (46)</td>
<td>N-Female</td>
<td>33 (13) from flange</td>
<td>5 (11)</td>
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<td></td>
<td></td>
<td></td>
<td>120° H-Plane</td>
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<tr>
<td>ANT-DLPA-0.2-1</td>
<td>0.20 - 1.0</td>
<td>8</td>
<td>200</td>
<td>60° E-Plane</td>
<td>80 (32)</td>
<td>N-Female</td>
<td>20 (8) from flange</td>
<td>3 (7)</td>
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<td></td>
<td></td>
<td>120° H-Plane</td>
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<tr>
<td>ANT-DLPA-0.35-1</td>
<td>0.35 - 1.0</td>
<td>8</td>
<td>200</td>
<td>60° E-Plane</td>
<td>43 (17)</td>
<td>N-Female</td>
<td>7.62 (3) from flange</td>
<td>2.7 (6)</td>
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<td></td>
<td></td>
<td>120° H-Plane</td>
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</tbody>
</table>

### TYPICAL MEASURED DATA

- **ANT-DLPA-0.2-1 Gain**
- **ANT-DLPA-0.2-1 VSWR**
- **ANT-DLPA-0.2-1 Port 1 Radiation Patterns**
- **ANT-DLPA-0.2-1 Port 2 Radiation Patterns**
ANT-DLPA MOUNTING PLATE CONFIGURATION

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Center of Gravity

Mounting Plate

3.65"