900 MHz Underlid Antenna

Features:
- Screw-on design mounts to underside of lids
- Robust construction
- Hermetically sealed for extended life
- Larger gain reception area compared to other brands
## ELECTRICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency Band</td>
<td>902–928 MHz</td>
</tr>
<tr>
<td>Impedance</td>
<td>50 Ω</td>
</tr>
<tr>
<td>E-Plane HPBW</td>
<td>30° typical</td>
</tr>
<tr>
<td>Power Handling</td>
<td>5 W</td>
</tr>
<tr>
<td>VSWR</td>
<td>&lt; 1.3 : 1 typical</td>
</tr>
<tr>
<td>Gain</td>
<td>2 dbi</td>
</tr>
<tr>
<td>H-Plane HPBW</td>
<td>Onmidirectional</td>
</tr>
<tr>
<td>Polarization</td>
<td>Vertical</td>
</tr>
</tbody>
</table>

## MECHANICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>2 ½ inches (6.35 cm)</td>
</tr>
<tr>
<td>Connector</td>
<td>Proprietary waterproof GNC</td>
</tr>
<tr>
<td>Operational Range</td>
<td>–40 to 158° F (–40 to 70° C)</td>
</tr>
<tr>
<td>Diameter (Ground Plane)</td>
<td>4 ¼ inches (10.8 cm)</td>
</tr>
<tr>
<td>Mounting Type</td>
<td>1.75-8 ACME Thread Dual Blunt Start, Blunt End</td>
</tr>
</tbody>
</table>

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Comparison with industry standard

Geospace antenna

others