1-port omni ground plane antenna, 108–512 MHz, 360° HPBW fixed electrical tilt

- Ideal choice for temporary or expendable installations
- Light duty design
- Field tunable to desired frequency, cutting chart included

This product will be discontinued on: March 31, 2021

General Specifications

Antenna Type       Omni
Band               Single band
Color              Silver
Grounding Type     RF connector inner conductor and body grounded to reflector and mounting bracket
Performance Note  Outdoor usage
Radiator Material  Brass
RF Connector Interface  UHF Female
RF Connector Location  Bottom
RF Connector Quantity, low band  1
RF Connector Quantity, total  1

Dimensions

Length           660.4 mm | 26 in
Outer Diameter   12.7 mm | 0.5 in

Electrical Specifications

Impedance     50 ohm
Operating Frequency Band  108 – 512 MHz
Polarization  Vertical
## ASP7A

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency Band, MHz</td>
<td>108–512</td>
</tr>
<tr>
<td>Gain, dBi</td>
<td>2.1</td>
</tr>
<tr>
<td>Beamwidth, Horizontal, degrees</td>
<td>360</td>
</tr>
<tr>
<td>Beamwidth, Vertical, degrees</td>
<td>60</td>
</tr>
<tr>
<td>Beam Tilt, degrees</td>
<td>0</td>
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<tr>
<td>VSWR</td>
<td>Return loss, dB</td>
</tr>
<tr>
<td>Input Power per Port, maximum, watts</td>
<td>100</td>
</tr>
</tbody>
</table>

### Mechanical Specifications

**Wind Speed, maximum**

161 km/h | 100.041 mph

### Packaging and Weights

**Included**

U-bolts

**Net Weight, without mounting kit**

0.8 kg | 1.764 lb

### Regulatory Compliance/Certifications

<table>
<thead>
<tr>
<th>Agency</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISO 9001:2015</td>
<td>Designed, manufactured and/or distributed under this quality management system</td>
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</table>

* Footnotes

**Performance Note**

Severe environmental conditions may degrade optimum performance