Low PIM Directional In-building Antenna, 698–960 MHz, 1710–2700, 3300-3800MHz

Product Classification

Product Type: In-building antenna

General Specifications

Application: Indoor/Outdoor
Antenna Type: Directional
Polarization: Vertical
Color: White
Mounting: 4-hole wall mounting plate and hardware (included)
Number of Ports: 1
Pigtail Cable: 670-141SXE, plenum rated
Radome Material: ASA+PC, UV stabilized
RF Connector Interface: 4.3-10 Female

Dimensions

Width: 170 mm | 6.693 in
Depth: 60 mm | 2.362 in
Length: 180 mm | 7.087 in
Pigtail Length: 300 mm | 11.811 in

Electrical Specifications

Impedance: 50 ohm
Operating Frequency Band: 1710 – 2700 MHz | 3300 – 3800 MHz | 698 – 960 MHz

Electrical Note

Values typical, unless otherwise stated

Electrical Specifications

<table>
<thead>
<tr>
<th>Frequency Band, MHz</th>
<th>698–960</th>
<th>1710–2700</th>
<th>3300–3800</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gain, dBi</td>
<td>6.6</td>
<td>7.9</td>
<td>6.9</td>
</tr>
</tbody>
</table>
**CELLMAX-D-43-WI**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value 1</th>
<th>Value 2</th>
<th>Value 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beamwidth, Horizontal, degrees</td>
<td>85</td>
<td>64</td>
<td>34</td>
</tr>
<tr>
<td>Beamwidth, Vertical, degrees</td>
<td>73</td>
<td>65</td>
<td>39</td>
</tr>
<tr>
<td>VSWR</td>
<td>Return loss, dB</td>
<td>1.7</td>
<td>1.7</td>
</tr>
<tr>
<td>PIM, 3rd Order, 2 x 20 W, dBC</td>
<td>-150</td>
<td>-150</td>
<td>-150</td>
</tr>
<tr>
<td>Input Power per Port, maximum, watts</td>
<td>100</td>
<td>100</td>
<td>100</td>
</tr>
</tbody>
</table>

**Environmental Specifications**

- **Operating Temperature**: -40 °C to +60 °C (-40 °F to +140 °F)
- **Relative Humidity**: Up to 100%
- **Ingress Protection Test Method**: IEC 60529:2001, IP55

**Packaging and Weights**

- **Width, packed**: 170 mm | 6.693 in
- **Depth, packed**: 75 mm | 2.953 in
- **Length, packed**: 240 mm | 9.449 in
- **Net Weight, with mounting kit**: 0.6 kg | 1.323 lb
- **Packaging quantity**: 1
- **Weight, net**: 0.43 kg | 0.948 lb

**Regulatory Compliance/Certifications**

- **Agency**
  - CHINA-ROHS
  - ROHS
  - UK-ROHS
- **Classification**
  - Below maximum concentration value
  - Compliant
  - Compliant