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

Product Classification

Product Type

In-building antenna

General Specifications

Application

Indoor

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 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>
<tr>
<td>Beamwidth, Horizontal, degrees</td>
<td>85</td>
<td>64</td>
<td>34</td>
</tr>
</tbody>
</table>
**CELLMAX-D-43-WI**

<table>
<thead>
<tr>
<th>Beamwidth, Vertical, degrees</th>
<th>73</th>
<th>65</th>
<th>39</th>
</tr>
</thead>
<tbody>
<tr>
<td>VSWR</td>
<td>Return loss, dB</td>
<td>1.7</td>
<td>11.7</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>50</td>
<td>50</td>
<td>50</td>
</tr>
</tbody>
</table>

**Environmental Specifications**

- **Operating Temperature**: -40 °C to +60 °C (-40 °F to +140 °F)
- **Relative Humidity**: Up to 100%

**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