Cell-Max™ Directional In-building Antenna, 698–960 MHz, 1710–2700 MHz, 4.3-10

Electrical Specifications

<table>
<thead>
<tr>
<th>Frequency Band, MHz</th>
<th>698–800</th>
<th>800–960</th>
<th>1710–2170</th>
<th>2200–2700</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gain, dBi</td>
<td>5.1</td>
<td>5.8</td>
<td>8.7</td>
<td>6.9</td>
</tr>
<tr>
<td>Beamwidth, Horizontal, degrees</td>
<td>128</td>
<td>94</td>
<td>60</td>
<td>54</td>
</tr>
<tr>
<td>Beamwidth, Vertical, degrees</td>
<td>85.0</td>
<td>82.0</td>
<td>57.0</td>
<td>38.0</td>
</tr>
<tr>
<td>VSWR</td>
<td>Return Loss, dB</td>
<td>1.7</td>
<td>11.7</td>
<td>1.5</td>
</tr>
<tr>
<td>PIM, 3rd Order, 2 x 20 W, dBC</td>
<td>-140</td>
<td>-140</td>
<td>-140</td>
<td>-140</td>
</tr>
<tr>
<td>Input Power per Port, maximum, watts</td>
<td>50</td>
<td>50</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>Polarization</td>
<td>Vertical</td>
<td>Vertical</td>
<td>Vertical</td>
<td>Vertical</td>
</tr>
<tr>
<td>Impedance</td>
<td>50 ohm</td>
<td>50 ohm</td>
<td>50 ohm</td>
<td>50 ohm</td>
</tr>
</tbody>
</table>

Electrical Specifications

**Electrical Note**  
PIM specifications are less than or equal to the stated value

Product Classification

**Brand**  
Cell-Max™

**Product Type**  
In-building antenna

General Specifications

**Antenna Type**  
Directional

**Application**  
Indoor

**Operating Frequency Band**  
1710 – 2700 MHz  | 698 – 960 MHz

**Mount Type**  
4-hole wall mounting plate and hardware (included)

**Package Quantity**  
1

**Pigtail Cable**  
670-141SXE, plenum rated

Mechanical Specifications

**Color**  
White

**Pigtail Length**  
500.0 mm  | 19.7 in

**Radome Material**  
ABS
**Environmental Specifications**

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

**Dimensions**

- **Depth**: 44.0 mm | 1.7 in
- **Length**: 210.0 mm | 8.3 in
- **Width**: 180.0 mm | 7.1 in
- **Net Weight**: 0.6 kg | 1.4 lb

**Packed Dimensions**

- **Depth**: 55.0 mm | 2.2 in
- **Length**: 250.0 mm | 9.8 in
- **Width**: 190.0 mm | 7.5 in
- **Shipping Weight**: 0.8 kg | 1.7 lb
Outline Drawing

Regulatory Compliance/Certifications

<table>
<thead>
<tr>
<th>Agency</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>RoHS 2011/65/EU</td>
<td>Designed, manufactured and/or distributed under this quality management system</td>
</tr>
<tr>
<td>ISO 9001:2015</td>
<td></td>
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</tbody>
</table>