Cell-Max™ Omni In-building Antenna, 698–960 MHz and 1710–2700 MHz

Electrical Specifications

<table>
<thead>
<tr>
<th>Frequency Band, MHz</th>
<th>698–800</th>
<th>800–960</th>
<th>1710–2700</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gain, dBi</td>
<td>2.0</td>
<td>2.0</td>
<td>5.0</td>
</tr>
<tr>
<td>Beamwidth, Horizontal, degrees</td>
<td>360</td>
<td>360</td>
<td>360</td>
</tr>
<tr>
<td>VSWR</td>
<td>Return Loss, dB</td>
<td>1.8</td>
<td>10.9</td>
</tr>
<tr>
<td>PIM, 3rd Order, 2 x 20 W, dBC</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>
</tr>
<tr>
<td>Polarization</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>
</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: Omni
Application: Indoor
Operating Frequency Band: 1710 – 2700 MHz | 698 – 960 MHz
Mount Type: Thru-hole ceiling mount (optional)
Package Quantity: 1
Pigtail Cable: 670-1415XE, plenum rated

Mechanical Specifications

Color: White
Pigtail Length: 500.0 mm | 19.7 in
Radome Material: ABS
RF Connector Interface: N Female

Environmental Specifications

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

Dimensions:
- Height: 85.00 mm | 3.35 in
- Outer Diameter: 186.0 mm | 7.3 in
- Net Weight: 0.3 kg | 0.7 lb

Packed Dimensions:
- Height: 135.00 mm | 5.31 in
- Length: 195.0 mm | 7.7 in
- Width: 195.0 mm | 7.7 in
- Shipping Weight: 0.4 kg | 1.0 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>
</tr>
</tbody>
</table>