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 | 670-141SXE, plenum rated

Mechanical Specifications

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

Environmental Specifications
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
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>