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
RF Connector Interface  4.3-10 Female

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