Low PIM Directional In-building Antenna, 350-470 MHz, 617–960 MHz, 1710–2700 MHz

Electrical Specifications

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<tbody>
<tr>
<td>Gain, dBi</td>
<td>5.2</td>
<td>7.0</td>
<td>7.0</td>
<td>9.0</td>
</tr>
<tr>
<td>Beamwidth, Horizontal, degrees</td>
<td>98</td>
<td>70</td>
<td>72</td>
<td>45</td>
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<tr>
<td>Beamwidth, Vertical, degrees</td>
<td>62.0</td>
<td>54.0</td>
<td>45.0</td>
<td>53.0</td>
</tr>
<tr>
<td>VSWR</td>
<td>Return Loss, dB</td>
<td>1.8</td>
<td>10.9</td>
<td>1.8</td>
</tr>
<tr>
<td>PIM, 3rd Order, 2 x 20 W, dBC</td>
<td>-153</td>
<td>-153</td>
<td>-153</td>
<td>-153</td>
</tr>
<tr>
<td>Input Power per Port, maximum, watts</td>
<td>100</td>
<td>100</td>
<td>100</td>
<td>100</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>
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</tbody>
</table>

Product Classification

Product Type: In-building antenna

General Specifications

Antenna Type: Directional
Application: Indoor
Operating Frequency Band: 1710 – 2700 MHz | 350 – 470 MHz | 617 – 806 MHz | 806 – 960 MHz
Mount Type: Poles between 30–55 mm with supplied clamps
Number of Ports, all types: 1
Package Quantity: 1
Pigtail Cable: 670-141SXE, plenum rated

Mechanical Specifications

Color: White
Pigtail Length: 500.0 mm | 19.7 in
Radome Material: Fiberglass, UV resistant
RF Connector Interface: N Female

Environmental Specifications
CMAX-D-TCPUSEi53

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

Dimensions
- Depth: 90.0 mm | 3.5 in
- Length: 330.0 mm | 13.0 in
- Width: 330.0 mm | 13.0 in
- Net Weight: 1.9 kg | 4.2 lb

Packed Dimensions
- Depth: 170.0 mm | 6.7 in
- Length: 470.0 mm | 18.5 in
- Width: 370.0 mm | 14.6 in
- Shipping Weight: 3.0 kg | 6.6 lb

Outline Drawing

Regulatory Compliance/Certifications

<table>
<thead>
<tr>
<th>Agency</th>
<th>Classification</th>
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<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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