Low PIM Directional In-building Antenna, 698–960 MHz, 1710–2700 MHz

### Electrical Specifications

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<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Gain, dBi</td>
<td>5.5</td>
<td>6.2</td>
<td>7.3</td>
<td>7.3</td>
<td>7.4</td>
<td>7.6</td>
<td>7.9</td>
</tr>
<tr>
<td>Beamwidth, Horizontal, degrees</td>
<td>98</td>
<td>90</td>
<td>73</td>
<td>76</td>
<td>76</td>
<td>76</td>
<td>73</td>
</tr>
<tr>
<td>Beamwidth, Vertical, degrees</td>
<td>76.0</td>
<td>60.0</td>
<td>60.0</td>
<td>60.0</td>
<td>60.0</td>
<td>57.0</td>
<td>58.0</td>
</tr>
<tr>
<td>VSWR</td>
<td>Return Loss, dB</td>
<td>1.5</td>
<td>14.0</td>
<td>1.5</td>
<td>14.0</td>
<td>1.5</td>
<td>14.0</td>
</tr>
<tr>
<td>Input Power per Port, maximum, watts</td>
<td>50</td>
<td>50</td>
<td>50</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>
<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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</table>

### Electrical Note

PIM specifications are less than or equal to the stated value.

### Product Classification

**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)

**Number of Ports, all types**

1

**Package Quantity**

1

**Pigtail Cable**

670-141SXE, plenum rated

### Mechanical Specifications

**Color**

White

**Pigtail Length**

420.0 mm | 16.5 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

Depth  62.0 mm  |  2.4 in
Length  262.0 mm  |  10.3 in
Width  180.0 mm  |  7.1 in
Net Weight  850.0 g  |  1.9 lb

Packed Dimensions

Depth  85.0 mm  |  3.3 in
Length  320.0 mm  |  12.6 in
Width  185.0 mm  |  7.3 in
Shipping Weight  1000.0 g  |  2.2 lb
CMAX-D-CPUSEV53

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>
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<tr>
<td>ISO 9001:2015</td>
<td></td>
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</table>

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