Cell-Max™ Omni In-building Antenna, 698–960 MHz and 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>1710–2700</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>1.7</td>
<td>11.7</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**
- 4.3-10 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
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>
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</tbody>
</table>