Cell-Max™ Omni In-building Antenna, 698–960 MHz ,1695–2700 MHz and 3100–4200MHz

- This product is part of the CommScope Wired for Wireless® Solution

Product Classification

Product Type: In-building antenna
Product Brand: Cell-Max™

General Specifications

Application: Indoor
Antenna Type: Omni
Antenna Array Characteristic: SISO
Polarization: Vertical
Color: White (RAL 9016)
Mounting: Thru-hole ceiling mount (optional)
Number of Ports: 1
Pigtail Cable: 670-141SXE, plenum rated
Radome Material: ASA+PC, UV stabilized
RF Connector Interface: 4.3-10 Female

Dimensions

Height: 85 mm | 3.346 in
Pigtail Length: 500 mm | 19.685 in
Outer Diameter: 186 mm | 7.323 in

Electrical Specifications

Impedance: 50 ohm
Operating Frequency Band: 1710 – 2700 MHz | 3100 – 4200 MHz | 698 – 960 MHz
### Electrical Specifications

<table>
<thead>
<tr>
<th></th>
<th>698–960</th>
<th>1695–2700</th>
<th>3100–4200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency Band, MHz</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gain, dBi</td>
<td>2.5</td>
<td>5.8</td>
<td>7.1</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>1.5</td>
</tr>
<tr>
<td>PIM, 3rd Order, 2 x 20 W, dBC</td>
<td>-150</td>
<td>-150</td>
<td>-150</td>
</tr>
<tr>
<td>Input Power per Port, maximum, watts</td>
<td>50</td>
<td>50</td>
<td>50</td>
</tr>
</tbody>
</table>

### Environmental Specifications

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

### Packaging and Weights

- **Height, packed**: 135 mm | 5.315 in
- **Width, packed**: 195 mm | 7.677 in
- **Length, packed**: 195 mm | 7.677 in
- **Packaging quantity**: 1
- **Weight, gross**: 0.4 kg | 0.882 lb
- **Weight, net**: 0.3 kg | 0.661 lb