Cell-Max™ Omni In-building Antenna, 350–470 MHz, 617–960MHz and 1710–6000 MHz

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

### Electrical Specifications

<table>
<thead>
<tr>
<th>Frequency Band, MHz</th>
<th>350–470</th>
<th>617–698</th>
<th>698–960</th>
<th>1710–6000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gain, dBi</td>
<td>2.5</td>
<td>2.5</td>
<td>3.4</td>
<td>6.0</td>
</tr>
<tr>
<td>Beamwidth, Horizontal, degrees</td>
<td>360</td>
<td>360</td>
<td>360</td>
<td>360</td>
</tr>
<tr>
<td>VSWR</td>
<td>Return Loss, dB</td>
<td>1.9</td>
<td>10.1</td>
<td>1.8</td>
</tr>
<tr>
<td>PIM, 3rd Order, 2 x 20 W, dBC</td>
<td>-150</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>
<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>

### Product Classification

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

### General Specifications

- **Antenna Type**: Omni
- **Application**: Indoor
- **Operating Frequency Band**: 1710 – 6000 MHz | 350 – 470 MHz | 617 – 806 MHz | 698 – 960 MHz
- **Mount Type**: Thru-hole ceiling mount (optional)
- **Package Quantity**: 1
- **Pigtail Cable**: KSR195, plenum rated

### Mechanical Specifications

- **Color**: White
- **Pigtail Length**: 500.0 mm | 19.7 in
- **Radome Material**: ABS
- **RF Connector Interface**: N Female

### Environmental Specifications

- **Operating Temperature**: -40 °C to +60 °C (-40 °F to +140 °F)
CELLMAX-O-TCPUSEWi

Relative Humidity          Up to 100%

Dimensions

- **Height**: 150.00 mm | 5.91 in
- **Outer Diameter**: 248.0 mm | 9.8 in
- **Net Weight**: 1.0 kg | 2.1 lb

Packed Dimensions

- **Depth**: 220.0 mm | 8.7 in
- **Height**: 260.00 mm | 10.24 in
- **Length**: 260.0 mm | 10.2 in
- **Shipping Weight**: 1.2 kg | 2.6 lb

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>
</tr>
</tbody>
</table>