Cell-Max™ Low PIM Directional High Capacity Venue MIMO Antenna, 698–960 MHz and 1710–2700 MHz, 30-Deg,

This product will be discontinued on: January 31, 2020

**Replaced By**

CMAX-3030S1-43-V53  Cell-Max™ Low PIM Directional High Capacity Venue MIMO Antenna, (2x 617–960 MHz, 1695–2700 MHz) and 2x 3300-4200 MHz, 30-Deg,

### Electrical Specifications

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Gain, dBi</td>
<td>13.1</td>
<td>13.9</td>
<td>12.4</td>
<td>13.0</td>
<td>13.2</td>
<td>14.4</td>
<td>14.3</td>
</tr>
<tr>
<td>Beamwidth, Horizontal, degrees</td>
<td>39</td>
<td>35</td>
<td>39</td>
<td>36</td>
<td>35</td>
<td>29</td>
<td>30</td>
</tr>
<tr>
<td>Beamwidth, Vertical, degrees</td>
<td>38.0</td>
<td>33.0</td>
<td>38.0</td>
<td>35.0</td>
<td>34.0</td>
<td>29.0</td>
<td>29.0</td>
</tr>
<tr>
<td>Horizontal Sidelobe, dB</td>
<td>17</td>
<td>17</td>
<td>17</td>
<td>17</td>
<td>17</td>
<td>17</td>
<td>17</td>
</tr>
<tr>
<td>Front-to-Back Ratio, Copolarization 180° ± 30°, dB</td>
<td>28</td>
<td>30</td>
<td>30</td>
<td>30</td>
<td>30</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>Isolation, Cross Polarization, dB</td>
<td>30</td>
<td>30</td>
<td>30</td>
<td>30</td>
<td>30</td>
<td>30</td>
<td>30</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>200</td>
<td>200</td>
<td>200</td>
<td>200</td>
<td>200</td>
<td>200</td>
<td>200</td>
</tr>
<tr>
<td>Polarization</td>
<td>±45°</td>
<td>±45°</td>
<td>±45°</td>
<td>±45°</td>
<td>±45°</td>
<td>±45°</td>
<td>±45°</td>
</tr>
<tr>
<td>Impedance</td>
<td>50 ohm</td>
<td>50 ohm</td>
<td>50 ohm</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™

### General Specifications

- **Antenna Type**: Directional
- **Application**: Indoor | Outdoor
- **Includes**: Mounting bracket
- **Number of Ports, all types**: 2
- **Package Quantity**: 1

### Mechanical Specifications

- **Color**: White
- **Radome Material**: Fiberglass, UV resistant
RF Connector Interface 4.3-10 Female
Wind Loading, maximum 2,128.0 N @ 216 km/h | 478.4 lbf @ 216 km/h
Wind Speed, maximum 216 km/h | 134 mph

Environmental Specifications

Ingress Protection Test Method IEC 60529:2001, IP65
Operating Temperature -40 °C to +60 °C (-40 °F to +140 °F)
Relative Humidity Up to 100%
Vibration Test Method ASTM D4169 | IEC 60068-2-6

Dimensions

Depth 120.0 mm | 4.7 in
Length 760.0 mm | 29.9 in
Width 760.0 mm | 29.9 in
Net Weight 12.0 kg | 26.5 lb
Net Weight, with mounting kit 18.0 kg | 39.7 lb

Packed Dimensions

Depth 218.0 mm | 8.6 in
Length 1012.0 mm | 39.8 in
Width 805.0 mm | 31.7 in
Shipping Weight 22.0 kg | 48.5 lb

Regulatory Compliance/Certifications

Agency RoHS 2011/65/EU
Classification

RoHS 2011/65/EU