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

### Electrical Specifications

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<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>
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<td>Beamwidth, Horizontal, degrees</td>
<td>39</td>
<td>35</td>
<td>39</td>
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<tr>
<td>Beamwidth, Vertical, degrees</td>
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<td>35.0</td>
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<td>Horizontal Sidelobe, dB</td>
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<tr>
<td>Front-to-Back Ratio, Copolarization 180° ± 30°, dB</td>
<td>28</td>
<td>30</td>
<td>30</td>
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<tr>
<td>Isolation, Cross Polarization, dB</td>
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<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>
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<tr>
<td>Input Power per Port, maximum, watts</td>
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<td>Polarization</td>
<td>±45°</td>
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<td>Impedance</td>
<td>50 ohm</td>
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### 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**

2128.0 N @ 216 km/h

478.4 lbf @ 216 km/h

**Wind Speed, maximum**

216 km/h | 134 mph

### Environmental Specifications

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CMAX-3030S-43-V53

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