Cell-Max™ Low PIM Directional High Capacity Venue MIMO Antenna, 617–960 MHz 1695–2700 MHz, 3300–4000 MHz, and 4800–6000 MHz 60-Deg, 4.3-10, (2 PORTS 617–960 and 1695–2700 MHz, 2 PORTS 3300–4000 and 4800–6000 MHz)

Electrical Specifications

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Gain, dBi</td>
<td>7.7</td>
<td>8.0</td>
<td>7.9</td>
<td>8.0</td>
<td>7.6</td>
<td>7.5</td>
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<tr>
<td>Beamwidth, Horizontal, degrees</td>
<td>75</td>
<td>72</td>
<td>66</td>
<td>70</td>
<td>73</td>
<td>64</td>
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<tr>
<td>Beamwidth, Vertical, degrees</td>
<td>73.0</td>
<td>69.0</td>
<td>63.0</td>
<td>66.0</td>
<td>69.0</td>
<td>57.0</td>
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<tr>
<td>Front-to-Back Total Power at 180° ± 30°, dBi</td>
<td>18</td>
<td>18</td>
<td>18</td>
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<td>18</td>
<td>14</td>
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<tr>
<td>CPR at Boresight, dB</td>
<td>18</td>
<td>18</td>
<td>12</td>
<td>15</td>
<td>9</td>
<td>10</td>
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<tr>
<td>Isolation, Cross Polarization, dB</td>
<td>22</td>
<td>23</td>
<td>25</td>
<td>25</td>
<td>23</td>
<td>25</td>
</tr>
<tr>
<td>VSWR</td>
<td>Return Loss, dB</td>
<td>1.7</td>
<td>1.7</td>
<td>1.7</td>
<td>1.5</td>
<td>1.5</td>
</tr>
<tr>
<td>Input Power per Port, maximum, watts</td>
<td>200</td>
<td>200</td>
<td>200</td>
<td>200</td>
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<tr>
<td>Polarization</td>
<td>±45°</td>
<td>±45°</td>
<td>±45°</td>
<td>±45°</td>
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<tr>
<td>Impedance</td>
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<td>50 ohm</td>
<td>50 ohm</td>
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<td>50 ohm</td>
</tr>
</tbody>
</table>

Product Classification

Brand | Cell-Max™
Product Type | Indoor/outdoor antenna

General Specifications

Antenna Type | Directional
Application | Indoor | Outdoor
Operating Frequency Band | 1695 – 2700 MHz | 3300 – 4000 MHz | 4800 – 6000 MHz | 617 – 698 MHz | 698 – 960 MHz
Includes | Mounting bracket
Number of Ports, all types | 4
Package Quantity | 1

Mechanical Specifications

Color | Gray
Radome Material | PVC
RF Connector Interface | 4.3-10 Female
Wind Loading, maximum | 294.0 N @ 216 km/h | 66.1 lbf @ 216 km/h
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

- **Height**: 116.00 mm | 4.57 in
- **Length**: 456.0 mm | 18.0 in
- **Width**: 326.0 mm | 12.8 in
- **Net Weight**: 4.4 kg | 9.8 lb
- **Net Weight, with mounting kit**: 7.3 kg | 16.0 lb

Packed Dimensions

- **Height**: 225.00 mm | 8.86 in
- **Length**: 690.0 mm | 27.2 in
- **Width**: 350.0 mm | 13.8 in
- **Shipping Weight**: 8.5 kg | 18.7 lb

Outline Drawing

Regulatory Compliance/Certifications

**Agency**: RoHS 2011/65/EU

**Classification**: RoHS 2011/65/EU