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)

Product Classification

<table>
<thead>
<tr>
<th>Product Type</th>
<th>Over-the-head stadium antenna</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Brand</td>
<td>Cell-Max™</td>
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</tbody>
</table>

General Specifications

<table>
<thead>
<tr>
<th>Application</th>
<th>Indoor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antenna Type</td>
<td>Directional</td>
</tr>
<tr>
<td>Antenna Array Character</td>
<td>MIMO 2x2</td>
</tr>
<tr>
<td>Polarization</td>
<td>±45°</td>
</tr>
<tr>
<td>Color</td>
<td>Light Gray (RAL 7035)</td>
</tr>
<tr>
<td>Number of Ports</td>
<td>4</td>
</tr>
<tr>
<td>Radome Material</td>
<td>PVC</td>
</tr>
<tr>
<td>RF Connector Interface</td>
<td>4.3-10 Female</td>
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</tbody>
</table>

Dimensions

<table>
<thead>
<tr>
<th>Height</th>
<th>116 mm</th>
<th>4.567 in</th>
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</thead>
<tbody>
<tr>
<td>Width</td>
<td>326 mm</td>
<td>12.835 in</td>
</tr>
<tr>
<td>Length</td>
<td>456 mm</td>
<td>17.953 in</td>
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</tbody>
</table>

Electrical Specifications

<table>
<thead>
<tr>
<th>Impedance</th>
<th>50 ohm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lightning Protection</td>
<td>dc Ground</td>
</tr>
<tr>
<td>Operating Frequency Band</td>
<td>1695 – 2700 MHz</td>
</tr>
</tbody>
</table>

Electrical Note

| Values typical, unless otherwise stated |

Frequency Band, MHz

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<tr>
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</tbody>
</table>
Gain, dBi | 7.7 | 8 | 7.9 | 8 | 7.6 | 7.5
Beamwidth, Horizontal, degrees | 75 | 72 | 66 | 70 | 73 | 64
Beamwidth, Vertical, degrees | 73 | 69 | 63 | 66 | 69 | 57
Front-to-Back Total Power at 180° ± 30°, dB | 18 | 18 | 18 | 18 | 18 | 14
CPR at Boresight, dB | 18 | 18 | 12 | 15 | 9 | 10
Isolation, Cross Polarization, dB | 22 | 23 | 25 | 25 | 23 | 25

VSWR | Return loss, dB | 1.7 | 1.7 | 1.5 | 1.5 | 1.6 | 1.7
Input Power per Port, maximum, watts | 200 | 200 | 200 | 200 | 200 | 200

Mechanical Specifications
Wind Loading @ Velocity, maximum | 294.0 N @ 216 km/h (66.1 lbf @ 216 km/h)

Environmental Specifications
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

Packaging and Weights
Height, packed | 225 mm | 8.858 in
Width, packed | 350 mm | 13.78 in
Length, packed | 690 mm | 27.165 in
Included | Mounting bracket
Net Weight, with mounting kit | 7.3 kg | 16.094 lb
Packaging quantity | 1
Weight, gross | 8.5 kg | 18.739 lb
Weight, net | 4.4 kg | 9.7 lb

Regulatory Compliance/Certifications
Agency | Classification
CHINA-ROHS | Below maximum concentration value
REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance
<p>| | |</p>
<table>
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<tbody>
<tr>
<td>ROHS</td>
<td>Compliant</td>
</tr>
<tr>
<td>UK-ROHS</td>
<td>Compliant</td>
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