Cell-Max™ Low PIM Directional High Capacity Venue MIMO Antenna, 698–960 MHz and 1710–2700 MHz, 60°, 8.0 dBi

Electrical Specifications

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<tbody>
<tr>
<td>Gain, dBi</td>
<td>9.2</td>
<td>9.3</td>
<td>9.1</td>
<td>9.3</td>
<td>9.7</td>
<td>9.4</td>
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<tr>
<td>Beamwidth, Horizontal, degrees</td>
<td>60</td>
<td>59</td>
<td>55</td>
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<td>56</td>
<td>59</td>
<td>61</td>
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<tr>
<td>Beamwidth, Vertical, degrees</td>
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<td>58.0</td>
<td>56.0</td>
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<td>58.0</td>
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<td>59.0</td>
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<tr>
<td>Front-to-Back Total Power at 180° ± 30°, dB</td>
<td>24</td>
<td>26</td>
<td>24</td>
<td>26</td>
<td>28</td>
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<tr>
<td>CPR at Boresight, dB</td>
<td>24</td>
<td>24</td>
<td>20</td>
<td>20</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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<tr>
<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™
Product Type    Indoor/outdoor antenna

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        ABS, UV resistant
RF Connector Interface | 4.3-10 Female
Wind Loading, maximum  294.0 N @ 216 km/h | 66.1 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 124.5 mm | 4.9 in
Length 299.7 mm | 11.8 in
Width 299.7 mm | 11.8 in
Net Weight 2.9 kg | 6.4 lb

Packed Dimensions

Depth 230.0 mm | 9.1 in
Length 520.0 mm | 20.5 in
Width 350.0 mm | 13.8 in
Shipping Weight 7.3 kg | 16.1 lb
Outline Drawing

Regulatory Compliance/Certifications

Agency
RoHS 2011/65/EU

Classification