CMAK-3030S-D-V53

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
CMAK-3030S1-D-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

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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>
<td>36</td>
<td>35</td>
<td>29</td>
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<td>Beamwidth, Vertical, degrees</td>
<td>38.0</td>
<td>33.0</td>
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<td>35.0</td>
<td>34.0</td>
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<td>Horizontal Sidelobe, dB</td>
<td>17</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>
<td>30</td>
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<tr>
<td>Isolation, Cross Polarization, dB</td>
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<td>30</td>
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<tr>
<td>VSWR</td>
<td>Return Loss, dB</td>
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<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>
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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: 7-16 DIN 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
- 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: 942.0 mm | 37.1 in
- Width: 805.0 mm | 31.7 in
- Shipping Weight: 20.0 kg | 44.1 lb

Outline Drawing

Regulatory Compliance/Certifications
- Agency: RoHS 2011/65/EU
- Classification: RoHS 2011/65/EU