Low PIM Directional High Capacity Venue MIMO Antenna, 698–960 MHz and 1710–2700 MHz, 22-Deg

Electrical Specifications

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<tbody>
<tr>
<td>Gain, dBi</td>
<td>11.8</td>
<td>12.5</td>
<td>11.6</td>
<td>12.0</td>
<td>12.4</td>
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<tr>
<td>Beamwidth, Horizontal, degrees</td>
<td>26</td>
<td>22</td>
<td>27</td>
<td>25</td>
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<td>Beamwidth, Vertical, degrees</td>
<td>67.0</td>
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<td>64.0</td>
<td>61.0</td>
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<tr>
<td>Horizontal Sidelobe, dB</td>
<td>17</td>
<td>19</td>
<td>18</td>
<td>19</td>
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<tr>
<td>Front-to-Back Ratio, Copolarization, 180° ± 30°, dB</td>
<td>27</td>
<td>27</td>
<td>33</td>
<td>33</td>
<td>33</td>
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<tr>
<td>CPR at Boresight, dB</td>
<td>20</td>
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<td>17</td>
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<tr>
<td>Isolation, Cross Polarization, dB</td>
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<td>25</td>
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<tr>
<td>VSWR</td>
<td>Return Loss, dB</td>
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<td>14.0</td>
<td>1.5</td>
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<td>Input Power per Port, maximum, watts</td>
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<tr>
<td>Polarization</td>
<td>±45°</td>
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<tr>
<td>Impedance</td>
<td>50 ohm</td>
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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**: 2,127.0 N @ 216 km/h | 478.2 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 120.0 mm | 4.7 in
Length 900.0 mm | 35.4 in
Width 360.0 mm | 14.2 in
Net Weight 7.3 kg | 16.1 lb
Net Weight, with mounting kit 10.3 kg | 22.7 lb

Packed Dimensions

Depth 220.0 mm | 8.7 in
Length 1160.0 mm | 45.7 in
Width 420.0 mm | 16.5 in
Shipping Weight 13.0 kg | 28.7 lb

Outline Drawing

Regulatory Compliance/Certifications

Agency
RoHS 2011/65/EU

Classification

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