DESCRIPTION

S65-5366-703: A multi-band MIMO, short blade antenna that features a total of five (5) port connectors. Three (3) of the connectors cover the WiFi frequencies and the remaining two (2) connectors cover the LTE frequencies.

The antenna’s vertically polarized radiating elements are strategically located to provide optimum performance of over-the-air WiFi and LTE signals; while minimizing coupling effects.

The antenna is low in profile and hermetically sealed. The composite radome provides protection against rain, ice and lightning strikes. Its six (6) hole mounting configuration design is ideal for commercial aircraft installations.


SPECIFICATIONS

<table>
<thead>
<tr>
<th>ELECTRICAL</th>
<th>WiFi</th>
<th>J1, J2, J5: 2400-2500 MHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency</td>
<td>LTE</td>
<td>J3, J4: 700-2700 MHz</td>
</tr>
<tr>
<td>VSWR</td>
<td>WiFi</td>
<td>J1, J2, J5: ≤ 3.0:1</td>
</tr>
<tr>
<td>Polarization</td>
<td>LTE</td>
<td>J3, J4: ≤ 3.0:1</td>
</tr>
<tr>
<td>Pattern</td>
<td>Vertical</td>
<td></td>
</tr>
<tr>
<td>Impedance</td>
<td>50 Ohms</td>
<td></td>
</tr>
<tr>
<td>Power</td>
<td>50 Watts Continuous</td>
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</tr>
<tr>
<td>Lightning Protection</td>
<td>DC grounded</td>
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<tr>
<td>MECHANICAL</td>
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<td></td>
</tr>
<tr>
<td>Weight</td>
<td>1.5 lbs</td>
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</tr>
<tr>
<td>Height</td>
<td>5.56 in.</td>
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<tr>
<td>Length</td>
<td>10.76 in.</td>
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</tr>
<tr>
<td>Width</td>
<td>3.77 in.</td>
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</tr>
<tr>
<td>Material</td>
<td>Aluminum Alloy 6061-T6/Thermoset Plastic</td>
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<tr>
<td>Finish</td>
<td>Skydrol Resistant Polyurethane Enamel</td>
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<tr>
<td>Connector</td>
<td>TNC Female (5x)</td>
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<tr>
<td>ENVIRONMENTAL</td>
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</tr>
<tr>
<td>Temperature</td>
<td>-55°C (-67°F) to +85°C (+185°F)</td>
<td></td>
</tr>
<tr>
<td>Altitude</td>
<td>55,000 ft</td>
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</tbody>
</table>