2B-L-S-C-BANDVVV-XXXX-X ANTENNA FAMILY
2-inch Blade Antenna for L/S/C-Band Video & Data Link

The 2B-L-S-C-BandVVV-XXXX-X is a 2-inch tall blade antenna for video and data link applications. The rugged blade antenna enclosure is optimized for use in military and airborne environments.

The antenna includes three separate connectors for L-Band, S-Band, and C-Band connectivity. Customization of each frequency band is available to tailor the antenna to your exact requirements. All frequency bands offer a vertically polarized gain with omnidirectional radiation pattern coverage.

**BENEFITS**
- One antenna to cover three bands
- Customizable to your frequency band requirements
- Common mounting footprint for multiple frequency options

**FEATURES**
- Multi-band antenna for L/S/C bands
- Separate connectors for each band
- Vertical polarized, omnidirectional coverage
- High power handling

**OPTIONS**

**COLOR**
- Gloss White
- Lusterless Gray
- Camo Green
- Lusterless Black
- Desert Tan

**CONNECTOR**
- SMA
- TNC
- Type N

*These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred or otherwise disposed of to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations.*
ELECTRICAL

<table>
<thead>
<tr>
<th>Frequency Range</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>L-Band</td>
<td>1700-2000 MHz</td>
</tr>
<tr>
<td>S-Band</td>
<td>2300-2500 MHz</td>
</tr>
<tr>
<td>C-Band</td>
<td>4400-5950 MHz</td>
</tr>
<tr>
<td>VSWR</td>
<td>&lt; 2.0:1</td>
</tr>
<tr>
<td>Impedance</td>
<td>50 ohms</td>
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</tbody>
</table>

MECHANICAL & ENVIRONMENTAL

Designed to:

- Weight: 4.5 oz (Typical)
- Temperature: -55°C TO +85°C
- Altitude: 70,000 ft
- Vibration: > 10 Grms

LIMITING & FILTERING

- Power Handling: > 50 Watt

PART NUMBER DECODER

2B-L-S-C-BandVVV-X XXX-X

Connector

- S = SMA
- T = TNC
- N = N-Bulkhead

Color (PER FED-STD-595B)

1 = Gloss White #17925
2 = Lusterless Gray #36320
3 = Camo Green #34094
4 = Lusterless Black #37038
5 = Desert Tan #33446