3BE-UHF-XX-X ANTENNA FAMILY
3 Inch Blade Antenna for Wideband 800-2500 MHz Coverage

The 3BE-UHF-XX-X a 3 inch tall blade antenna for wideband applications. The rugged blade antenna enclosure is designed to survive ground and flight environments. The antenna includes 800-2500 MHz coverage in an ultra-low profile enclosure.

The antenna is easy to mount onto your platform using the four 10-32 screws provided. The installation kit includes an o-ring for sealing the enclosure to your platform.

Antcom can customize this product family to meet your specific requirements. Please contact us for more information about customization options.

**BENEFITS**
- Ultra low profile antenna for reduced aerodynamic drag
- Single antenna, multi-band operation
- Common mounting footprint for alternative frequency options

**FEATURES**
- Wideband coverage with a single connector
- Vertical polarized, omni directional coverage
- High power handling

**OPTIONS**

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

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

*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.*
**PRODUCT SHEET**

**ELECTRICAL**

<table>
<thead>
<tr>
<th>Frequency Range</th>
<th>800-2500 MHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>VSWR</td>
<td>&lt;2.5:1</td>
</tr>
<tr>
<td>Impedance</td>
<td>50 ohms</td>
</tr>
</tbody>
</table>

**MECHANICAL & ENVIRONMENTAL**

Designed to:

<table>
<thead>
<tr>
<th>Weight</th>
<th>6.1 oz Typical</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature</td>
<td>-55°C TO +85°C</td>
</tr>
<tr>
<td>Altitude</td>
<td>70,000 ft</td>
</tr>
<tr>
<td>Vibration</td>
<td>&gt; 30 Grms</td>
</tr>
</tbody>
</table>

**LIMITING & FILTERING**

| Power Handling          | 50 Watt       |

**PART NUMBER DECODER**

3BE-UHF-XX-X

**Connector**

- **S** = SMA
- **T** = TNC
- **N** = Type N
- **TB** = TNC-Bulkhead
- **NB** = 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

**CONTACT ANTCOM**

Phone: +1-310-782-1076
Fax: +1-310-782-1086
Email: sales.pi.antcom@antcom.com
Web: antcom.com

©2021 ANTCOM CORP. ALL RIGHTS RESERVED. SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

REVISION - MAY 2021