



## 3B-0.70-2.70VV-XXX-X ANTENNA FAMILY

### 3 Inch Blade Antenna for UHF, L and S Bands

The 3B-0.70-2.70VV-XXX-X is a 3 inch tall blade antenna covering frequencies between 700 MHz and 2700 MHz. This antenna covers typical communications frequencies in the UHF, L and S bands.

This multi-band combo antenna saves weight and reduces aerodynamic drag compared with installation of multiple antennas covering each frequency band. The rugged blade antenna enclosure is designed to survive ground and flight environments.

This product is customizable for particular frequency band coverage. Please contact us to discuss your requirements.



#### BENEFITS

- Reduced weight and installation complexity through this multi-band solution
- Common mounting footprint for multiple frequency options

#### FEATURES

- Separate connectors for UHF-Band and L/S-Bands
- Customizable connector type for each band
- Vertically polarized, omni directional coverage
- High power handling

#### OPTIONS

##### COLOR

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

##### CONNECTOR

- SMA
- Type N
- TNC
- BNC

**ELECTRICAL**

<b>Frequency Range:</b>	
UHF-Band	698-960 MHz
L-Band	1710-2170 MHz
S-Band	2300-2700 MHz
<b>VSWR</b>	
UHF-Band	< 6.0:1
L-Band	< 2.3:1
S-Band	< 4.5:1
<b>Impedance</b>	50 ohms

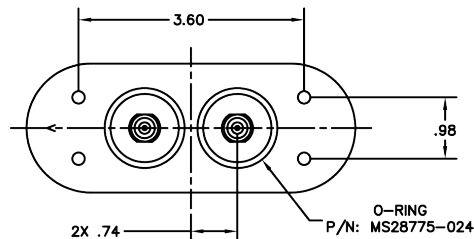
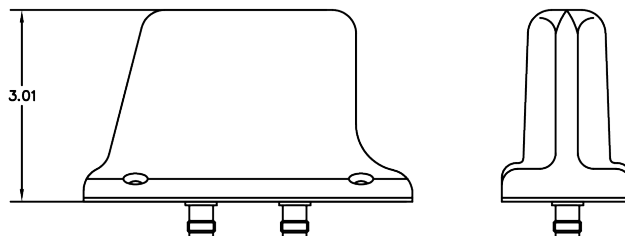
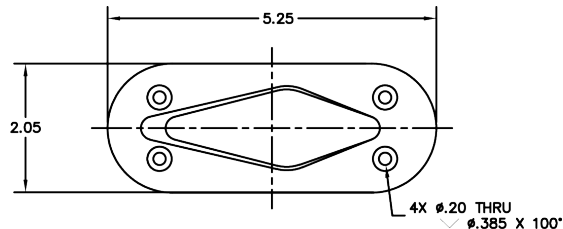
**MECHANICAL & ENVIRONMENTAL**

Designed to:

<b>Weight</b>	6.0 oz Typical
<b>Temperature</b>	-55°C TO +85°C
<b>Altitude</b>	70,000 ft
<b>Vibration</b>	> 30 Grms

**LIMITING & FILTERING**

<b>Power Handling</b>	1 Watt CW
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**PART NUMBER DECODER**

3B-0.70-2.70VV-XXX-X

**Connector**

- S = SMA
- N = Type N
- T = TNC
- B = BNC

Note: Connectors should be listed in the order UHF, then L/S-Band.

**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**

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