

# 3B-X.XX-X.XXV-XX-X series antenna

## 3 inch blade antenna for video/data link

The 3B-X.XX-X.XXV-XX-X is a highly customizable 3-inch tall blade antenna for video and data link applications. The rugged blade antenna enclosure is optimized for ground and flight environments.

The antenna includes a single connector for signal input and output. The antenna can cover various frequency bands in the UHF, L-Band and S-Band ranges. See the options table for details or contact us for more information about customization options.



### Features

- UHF/L/S-Band coverage options
- Vertically polarized
- Omnidirectional-in-azimuth coverage
- High power handling

### Benefits

- Customizable to your frequency band requirements
- Common mounting footprint for multiple frequency options

### 3B-X.XX-X.XXV-XX-X

**Start Frequency**  
X.XX = Frequency in GHz

**Stop Frequency**  
X.XX = Frequency in GHz

**Color** (per AMS-STD-595)  
 1 = Gloss White #17925  
 2 = Lusterless Gray #36320  
 3 = Camo Green #34094  
 4 = Lusterless Black #37038  
 5 = Desert Tan #33446

**Connector**  
 S = SMA  
 T = TNC  
 N = Type N

**Electrical**

**Frequency range**

UHF/L/S-Band tailorable between 690 MHz and 2700 MHz

**VSWR** (typical)

< 3.0:1

**Impedance**

50 ohms

**Mechanical and environmental**

**Weight**

TNC 6.5 oz (184 g)

Type N 7.1 oz (201 g)

**Temperature**

-55°C to +85°C

**Altitude**

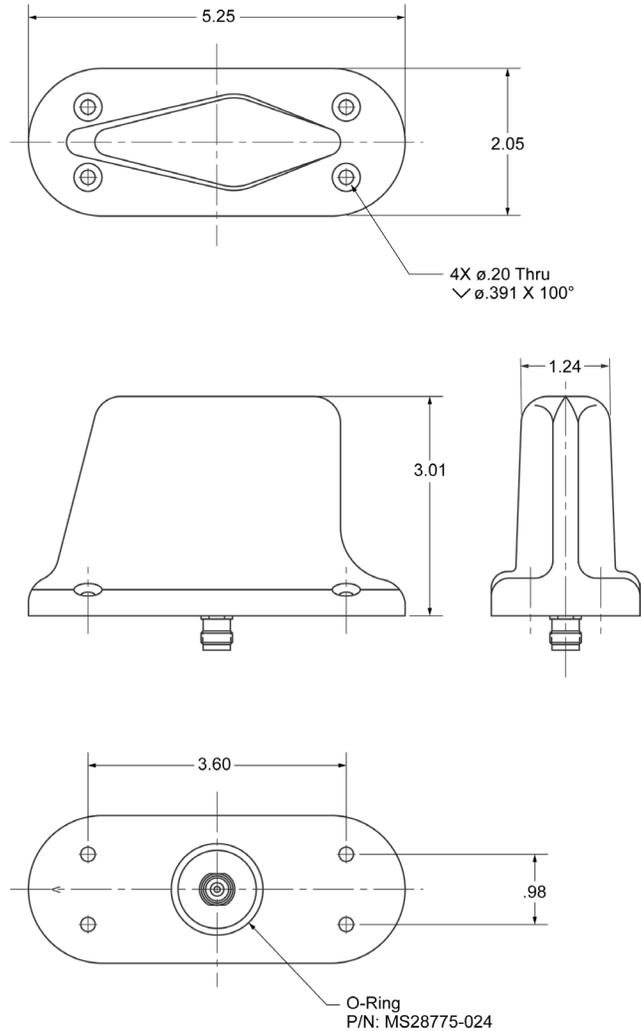
70,000 ft

**Vibration**

> 10 G<sub>rms</sub>

**Limiting and filtering**

**Power handling** (TNC option) 250 Watt CW



Contact Hexagon | Antcom

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For the most recent details of this product: antcom.com

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