

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

- SMAType N
- TNC
- BNC

"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

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

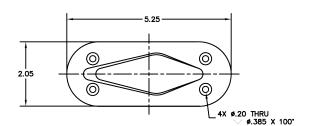
MECHANICAL & ENVIRONMENTAL

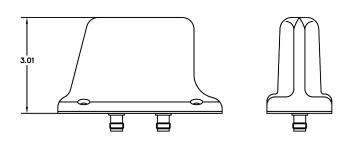
Designed to:

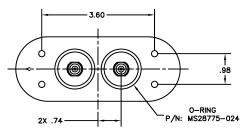
Weight	6.0 oz Typical
Temperature	-55°C TO +85°C
Altitude	70,000 ft
Vibration	> 30 Grms

LIMITING & FILTERING

Power Handling	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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