



## 5B-L-S-C-BANDVVV-XXXX-X ANTENNA FAMILY

### 5 Inch Blade Antenna for Video / Data Link

The 5B-L-S-C-BandVVV-XXXX-X is triple-band blade antenna for video and data link applications. The rugged enclosure is designed to survive ground and flight environments.

The antenna includes separate connectors for the L, S and C-Band frequency ranges. Each port is optimized for minimal return loss ensuring efficient transmission and reception of RF signals.



#### BENEFITS

- Minimize weight and aerodynamic drag with this combo antenna
- Good impedance match for efficient antenna performance

#### FEATURES

- L, S and C-Band coverage in a single antenna enclosure
- Connector type customizable for each frequency band
- Vertically polarized, omni directional coverage
- High power handling

#### OPTIONS

##### COLOR

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

##### CONNECTOR

- TNC
- SMA
- Type N

**ELECTRICAL**

<b>Frequency Range</b>	
<b>L-Band</b>	1700-2000 MHz
<b>S-Band</b>	2200-2500 MHz
<b>C-Band</b>	4400-6000 MHz
<b>VSWR</b>	
<b>L-Band</b>	< 2.0:1
<b>S-Band</b>	< 2.0:1
<b>C-Band</b>	< 2.5:1
<b>Impedance</b>	50 ohms

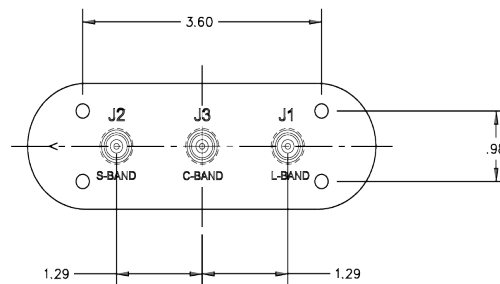
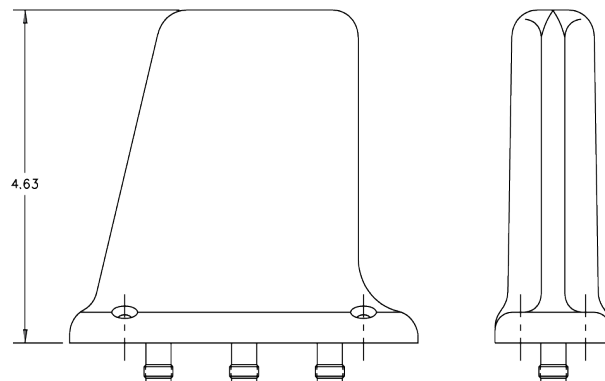
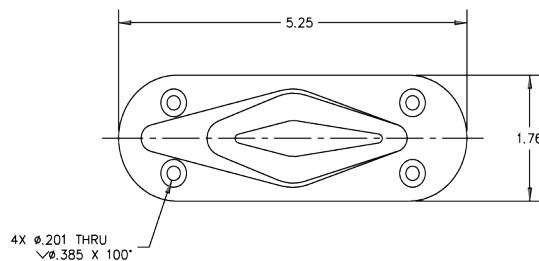
**MECHANICAL & ENVIRONMENTAL**

Designed to:

<b>Weight</b>	5.4 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>	50 Watt CW
-----------------------	------------



**PART NUMBER DECODER**

5B-L-S-C-BandVVV-XXXX-X

**Cable Length**

X = No Cable

**Connector**

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

**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

Note: Letters should be in L-S-C order

**CONTACT ANTCOM**

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

