



ISO 9001:2008/FAA Approved Facility

Antenna Mounts/Adapters: <http://www.antcom.com/documents/catalogs/PeripheralAntennaProducts2.pdf>

# L, S, & C-Band Antenna (3 Ports)

P/N: 5B-L-S-C-BANDVVV-XTT-2 Rev B

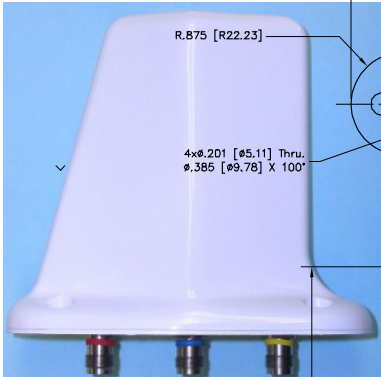
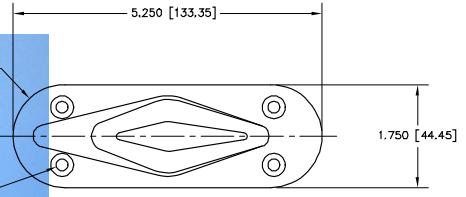
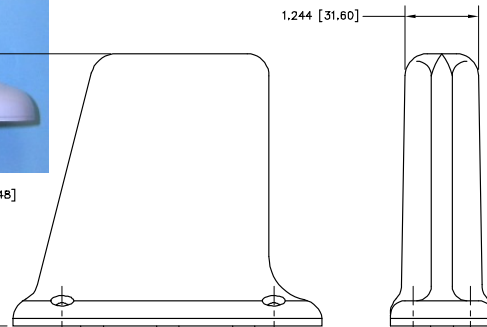
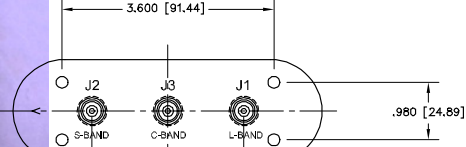
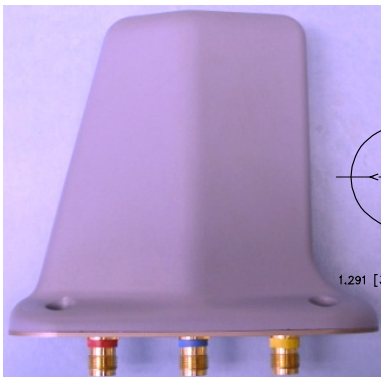

4.6" Tall Blade Configuration, X or Ku-Band Can be Added on



FAA Approved TSO Antennas

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1. DIMENSIONS IN BRACKETS ARE IN MILLIMETERS [mm]  
NOTES: UNLESS OTHERWISE SPECIFIED:

**SPECIFICATIONS**

**ELECTRICAL:**

	PCS, 802.11b, 802.11g, WiFi, Bluetooth, Hotspot	802.11a, WiFi, ISM
FREQUENCY (MHz):	J1: L-BAND (1700-2000)	J2: S-BAND (2200-2500) J3: C-BAND (4400-6000)
PATTERN:	OMNIDIRECTIONAL	
	VERTICAL	
ANTENNA GAIN : 1ft GP	4dB (Front/Back), 2 dB (Side)	5 dB
ANTENNA GAIN : 4ft GP	6 dB (Front/Back), 3 dB (Side)	6 dB
VSWR:	2.0:1	
OUTPUT IMPEDANCE:	50 Ω	
POWER HANDLING:	>50 watts	

**MECHANICAL:**

SIZE: WIDTH 1.75 in. [44.45 mm], LENGTH 5.25 in. [133.35 mm], HEIGHT 4.625 in. [117.48 mm]

WEIGHT: 5.8±.25 oz. (164.4±7 g)

FINISH: SKYDROL RESISTANT POLYURETHANE ENAMEL  
BASE IRIDITE PER MIL-C-5441F

COLOR: LUSTERLESS GRAY #36320 PER FED-STD-595B  
GLOSS WHITE #17925 PER FED-STD-595B  
OLIVE DRAB GREEN #34031 PER FED-STD-595B  
LUSTERLESS BLACK #37038 PER FED-STD-595B

MATERIAL: 6061-T6 ALUMINUM ALLOY BASE  
THERMOSET PLASTIC RADOME, UV, ABRASION AND SKYDROL RESISTANCE

CONNECTOR: TNC FEMALE CONNECTORS (OPTIONAL: SMA, N)

**ENVIRONMENTAL:**

TEMPERATURE: -67°F TO +185°F [-55°C TO +85°C]

ALTITUDE: 70,000 ft.

VIBRATION: 10 G's

LEAKAGE: HERMETICALLY SEAL

**FEDERAL & MILITARY SPECIFICATIONS:**

**DESIGN TO:** DO-160D, MIL-C-5541, MIL-E-5400, MIL-I-45208A, AND MIL-STD-810

4	SCREW, MOUNTING	MS24693C273	-	-	-	2
1			-	-	-	1
-1	DESCRIPTION	PART NO	SPECIFICATION	MATERIAL	FINISH	ITEM NO

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES  
FRACTIONS SHALL BE IN 16ths UNLESS OTHERWISE SPECIFIED  
± 1/64 UNLESS OTHERWISE SPECIFIED  
TOLERANCE 5M PER ANSI Y14.6  
REMOVE ALL SHARP BREAM EXTERNAL EDGES .005 TO .015  
FILES R .005 TO R .010  
SCREW THREADS PER MIL-S-8879  
DITS ON A COMMAND 6, 20, 000  
MACHINED SURFACES ✓

ANTCOM CORP. TORRANCE, CALIFORNIA  
OUTLINE DRAWING  
L/S/C-BAND  
VIDEO/DATA LINK ANTENNA

DATE: 05-17-01  
DESIGNED BY: S. HUYNH  
CHECKED BY: S. HUYNH  
DATE: 05-17-01  
DRAWN BY: S. HUYNH  
DATE: 05-17-01  
APPROVED BY: S. HUYNH  
DATE: 05-17-01

SCALE: 1/1 SHEET 1 OF 1

NMO Connector Option is Now Available for Some Antennas