

New L/S/C-Band Antenna (3 Ports),
P/N: 2B-L-S-C-BANDVVV-XTTT-2 Rev A,
2" Tall Blade Configuration, Shorter and Lighter
X or Ku-Band Can be Added on



FAA Approved
TSO Antennas

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SPECIFICATIONS

REVISIONS		DATE	APPROVED
ZONE	REV	DESCRIPTION	

ELECTRICAL:

	J2: S-BAND (2300-2500)	J3: C-BAND (4400-5950)	J1: L-BAND (1700-2000)
FREQUENCY (MHz):			
PATTE RN:	OMNIDIRECTIONAL		
POLARIZATION:	VERTICAL		
ANTENNA GAIN : 1ft GP	4 dB	5 dB	4dB (Front/Back), 2 dB (Side)
ANTENNA GAIN : 4ft GP	5 dB	6 dB	6 dB (Front/Back), 3 dB (Side)
VSWR :	2.0:1		
OUTPUT IMPEDANCE:	50 Ω		
POWER HANDLING:	>50 watts		

MECHANICAL:

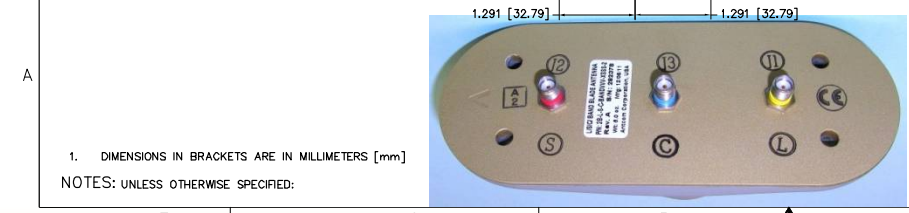
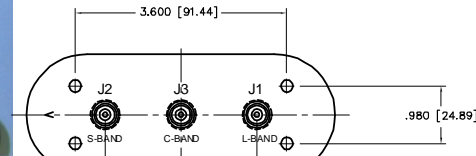
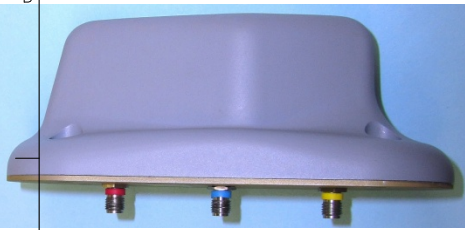
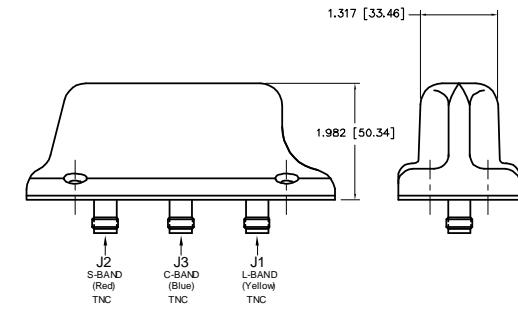
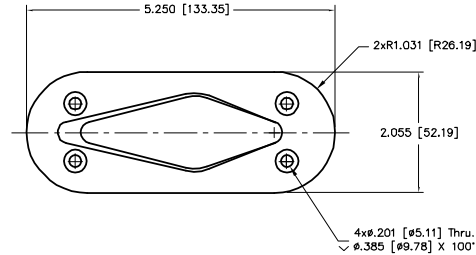
- SIZE:** WIDTH: 2.055 in. [52 mm], LENGTH: 5.25 in. [133 mm], HEIGHT: 1.982 in. [50 mm]
- WEIGHT:** 4.9 oz. (139g)
- FINISH:** SKYDROL RESISTANT POLYURETHANE ENAMEL BASE IRIDITE PER MIL-C-5441
- COLOR:** LUSTERLESS GRAY #36320 PER FED-STD-595B
 GLOSS WHITE #17925 PER FED-STD-595B
 OLIVE DRAB GREEN #34031 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, BNC, TNC)
- 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

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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		ANTCOM CORP. TORRANCE CALIFORNIA	
FRACTIONS	TOLERANCES ARE:	DATE	DESIGNER
± 1/64	± .004	09-05-09	S. HUYNH
± .015	± .002		
± .002	± .001		
± .001	± .0005		
TOLERANCE SYN PER ANS Y14.5		APPROVED	SCALE 1/1
REMOVE ALL BURRS			
SEAM: INTERNAL EDGES .005 TO .015			
FILETS R.005 TO R.020			
SOVEN DIMENSIONS PER MIL-STD-883C			
BASES ON A COMMON 1/8" DIA			
MACHINED SURFACES			
DO NOT SCALE DRAWING			



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