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

ISO 9001:2008/FAA Approved Facility

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

ANTCOM CORPORATION . 367 Van Ness Way, Suite 602 . Torrance, CA 90501, USA . Tel: (310) 782-1076 . Fax: (310) 782-1086 . E-mail: antennas@antcom.com . http://www.antcom.com

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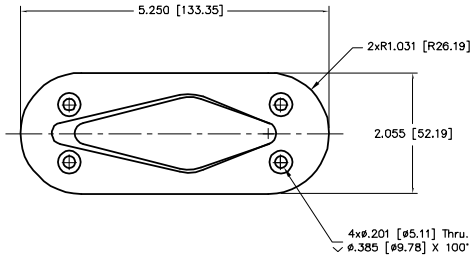
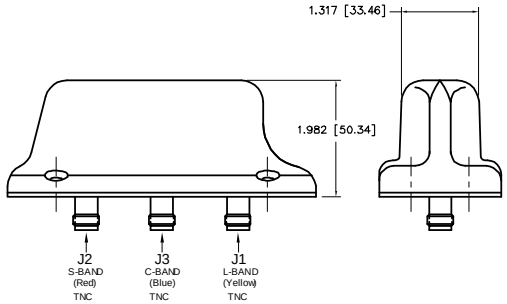
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

SPECIFICATIONS



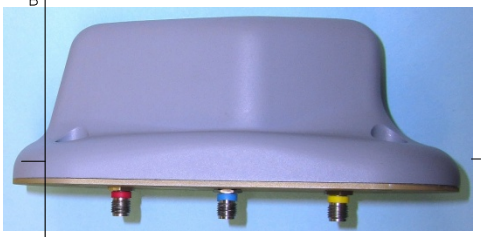
ELECTRICAL:

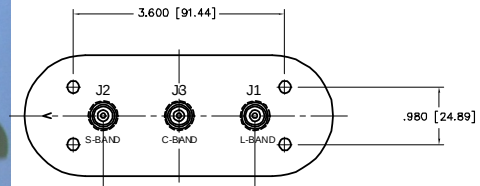
	J2: S-BAND (2300-2500)	J3: C-BAND (4400-5950)	J1: L-BAND (1700-2000)
FREQUENCY (MHz):			
PATTERN:	OMNIDIRECTIONAL		
POLARIZATION:	VERTICAL		
ANTENNA GAIN : 1ft GP	4 dB	5 dB	4dB (Front/Back), 2 dB (Side)
ANTENNA GAIN : 4ft GP	5 dB	6 dB	6 dB (Front/Back), 3 dB (Side)
VSWR :	2.0:1		
OUTPUT IMPEDANCE:	50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

1. DIMENSIONS IN BRACKETS ARE IN MILLIMETERS [mm]

NOTES: UNLESS OTHERWISE SPECIFIED:

QUANTITY REQD	DESCRIPTION	PART NO	SPECIFICATION	MATERIAL	FINISH	ITEM NO
4	SCREW, MOUNTING	MS24693C273	–	–	–	2
1			–	–	–	1

PARTS LIST

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
FRACTIONS ± 1/64 DECIMALS .XX± .015 .XXX± .005 ANGLES ± 1°
TOLERANCE SYM PER ANSI Y14.5
REMOVE ALL BURRS
BREAK EXTERNAL EDGES .005 TO .015
FILLETS R .005 TO R .020
SCREW THREADS PER MIL-S-8879
DIA'S ON A COMMON ℄ .254 .005
MACHINED SURFACES 125
DO NOT SCALE DRAWING

DRAWN
CHECKED
ENGINEER
APPROVED S. HUYNH Sep-05-09

ANTCOM CORP. TORRANCE CALIFORNIA

OUTLINE DRAWING
L/S/C-BAND
VIDEO/DATA LINK ANTENNA

SIZE D | CAGE NO 3CVE1 | DRAWING NO 2B-L-S-C-BANDVVV-XTTT-2 | REV A

SCALE 1/1 | SHEET 1 OF 1