

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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REVISIONS	
ZONE	DESCRIPTION

SPECIFICATIONS

ELECTRICAL:

	J2: S-BAN D (2300-2500)	J3: C-BAND (4400-5950)	J1: L-BAN D (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 ENAME L 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
 THERM OSET PLAS TIC RADOME, UV, ABRASI ON AND SKYDROL RESISTANCE
 CONNECTOR: TNC FEMALE CONNECTORS (OPTIO NAL: 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

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1. DIMENSIONS IN BRACKETS ARE IN MILLIMETERS [mm]

NOTES: UNLESS OTHERWISE SPECIFIED:

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

PARTS LIST

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: DECIMALS ANGLES		DRAWN	
FRACTIONS	± 1/64	DECIMALS	± 0.015
ANGLES	± 1°	ANGLES	± 1°
TOLERANCE SYN PER ANSI Y14.5		CHECKED	
REMOVE ALL BURRS		DRAWER	
BREAK EXTERNAL EDGES .005 TO .015		APPROVED	
SLOTTED HOLE PER MIL-STD-883C METHOD 2000.1		S. HUYNH	
MACHINED SURFACES		Sep-05-09	
DO NOT SCALE DRAWING		SCALE 1/1	

ANTCOM CORP. TORRANCE CALIFORNIA	
OUTLINEDRAWING	
L/S/C-BAND	
VIDEO/DATA LINK ANTENNA	
REV	DATE
D	3CVE1
2B-L-S-C-BANDVVV-XTTT-2	
SCALE 1/1	
SHEET 1 OF 1	

NMO Connector Option is Now Available for Some Antennas

CC: 3CVE1, NAICS: 334511, S.Huynh, 4/3/2016 <http://www.antcom.com/documents/catalogs/PeripheralAntennaProducts1.pdf> (Amplifiers, Power Divider/Combiner, Filters, Diplexer) 68 of 184