

New L/C Band Antenna (2 Ports), P/N: 3B-L-C-BANDVV-XTN-2F Rev A,

3" Tall Blade Configuration, Shorter, Lighter and more Gain



FAA Approved
TSO Antennas

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SPECIFICATIONS

ELECTRICAL:

	P1: C-BAND (4400-5850)	P2: L-BAND (960-1800)
FREQUENCY (MHz):		
PATTERN:	OMNIDIRECTIONAL	
POLARIZATION:	VERTICAL	
ANTENNA GAIN : 1ft GP	4 dB	4 dB (Front/Back), 2 dB (Sides)
ANTENNA GAIN : 4ft GP	6 dB	6 dB (Front/Back), 3 dB (Sides)
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: 3.062 in. [77 mm]

WEIGHT: 5.5 oz. (156g)

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-F AND N-F CONNECTOR

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

REVISIONS		DATE	APPROVED
ZONE	REV	DESCRIPTION	

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QTY	DESCRIPTION	PART NO	SPECIFICATION	MATERIAL	FINISH	ITEM NO
4	SCREW, MOUNTING	MS24693C273	-	-	-	2
2	O-RING	MS28775-024	-	-	-	1

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS ARE DECIMALS TOLERANCES ARE ± 1/64 .XXX ± .005 ± .1°

TOLERANCE 5M PER ANSI Y14.5 REMOVE ALL BURRS BREAK EXTERNAL EDGES .005 TO .015 FILE TO R .005 TO R .020 SUPER FINISH FOR MIL-STD-883F DIA'S ON A COMMON C 25 ± .005 MACHINED SURFACES

DO NOT SCALE DRAWING

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1. DIMENSIONS IN BRACKETS ARE IN MILLIMETERS [mm]

NOTES: UNLESS OTHERWISE SPECIFIED:

ANTCOM CORP. TORRANCE, CALIFORNIA

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

APPROVED: S. HUYNH June-25-09

SCALE 1/1

SHEET 1 OF 1

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NMO Connector Option is Now Available for Some Antennas