

New C1/C2-Band Antenna (2 Ports), P/N: 3B-C1-C2-BANDVV-XTT-2 Rev A, 3" Tall Blade Configuration, Shorter, Lighter, and more Gain



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REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED

SPECIFICATIONS

ELECTRICAL:

FREQUENCY (MHz):	J1: C1-BAND (4400-4950)	J2: C2-BAND (5250-5850)
PATTERN:	OMNIDIRECTIONAL	
POLARIZATION:	VERTICAL	
ANTENNA GAIN : 1ft GP	4 dB	2 dB
ANTENNA GAIN : 4ft GP	6 dB	4 dB
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: 5.3 oz. (150g)

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:

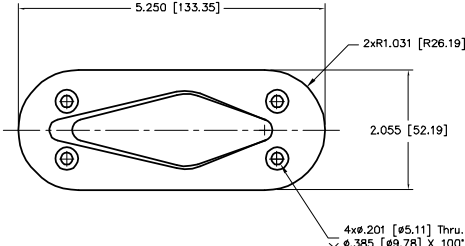
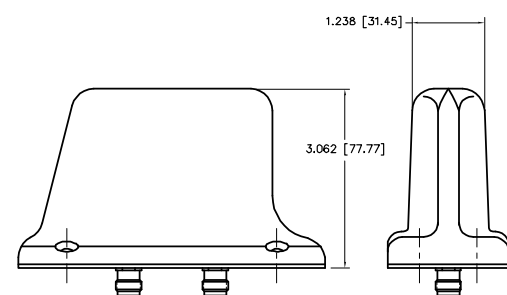
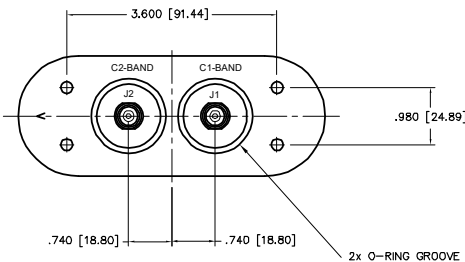
DESIGN TO: DO-160D, MIL-C-5541, MIL-E-5400, MIL-I-45208A, AND MIL-STD-810

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REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED

TNC FEMALE (C2-BAND, BLUE, J2)
(Option: SMA, TNC, or N)

TNC FEMALE (C1-BAND, RED, J1)
(Option: SMA, TNC, N)

1. DIMENSIONS IN BRACKETS ARE IN MILLIMETERS [mm]

NOTES: UNLESS OTHERWISE SPECIFIED:

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
FRACTIONS DECIMALS ANGLES
± 1/64 ± .005 ± .005 ± 1°
TOLERANCE SURF PER ANG Y14.5
REMOVE ALL BURRS
BREAK CHAMFER EDGES .005 TO .015
PILLET'S R .005 TO R .030
SMOOTH FINISHES PER MIL-STD-883B
DATA ON A COMMON & 24,000
MACHINED SURFACES 12.5

DO NOT SCALE DRAWING

PARTS LIST

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

ANTCOM CORP. TORRANCE CALIFORNIA

OUTLINE DRAWING
C1/C2-BAND
VIDEO/DATA LINK ANTENNA

OWNER: S. HUYNH
June-25-09

DATE: 30VE1
SCALE: 1/1

SHEET 1 OF 1

NMO Connector Option is Now Available for Some Antennas