

New C2-Band Antenna (1 Port), P/N: 2B-C2-BANDV-XT-2 Rev A, 2" Tall Blade Configuration, Shorter and Lighter



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

SPECIFICATIONS

ELECTRICAL:

FREQUENCY (MHz):	J2: C2-BAND (5250-5850)
PATTE RN:	OMNIDIRECTIONAL
POLARIZATION:	VERTICAL
ANTENNA GAIN : 1ft GP	2 dB
ANTENNA GAIN : 4ft GP	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: 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 RAD OME, UV, ABRASI ON 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

ZONE	REV	DESCRIPTION	DATE	APPROVED

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

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE DECIMALS ANGLES ± 1/64 .002 .015 .006 .005 ± 1°

TOLERANCE SYN PER ANSI Y14.5 REMOVE ALL BURRS BREAK EDG E SIZES .005 TO .015 SLEEV E THICKNESSES PER MIL-C-8839 SIX'S ON A COMMON E .07±.005 MACHINED SURFACES

DO NOT SCALE DRAWING

ANTCOM CORP. TORRANCE, CALIFORNIA
 OUTLINEDRAWING
 C2-BAND
 VIDEO/DATA LINK ANTENNA

DESIGNED: []
 DRAWN: []
 APPROVED: S. HUYNH Sep-05-09

REV: D QTY: 3 DATE: 3/2016
 SCALE: 1/1 SHEET: 1 OF 1

NMO Connector Option is Now Available for Some Antennas