

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



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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SPECIFICATIONS

REVISIONS			
ZONE	REV	DESCRIPTION	DATE

ELECTRICAL:

FREQUENCY (MHz):	J2: C2-BAND (5250-5850)	J3: S-BAND (2300-2500)
PATTERN:	OMNIDIRECTIONAL	
POLARIZATION:	VERTICAL	
ANTENNA GAIN : 1ft GP	2 dB	4 dB (Fron t/Back), 2 dB (Sides)
ANTENNA GAIN : 4ft GP	4 dB	6 dB (Fron t/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: 1.982 in. [50 mm]
4.9 oz. (139g)

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

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

FEDERAL & MILITARY SPECIFICATIONS:

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

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

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

TOLERANCE SYN PER ANSI Y14.5
REMOVE ALL BURRS
BREAK EXTERNAL EDGES .006 TO .015
SHEET METAL PER MIL-STD-883C
SIX'S ON A COMMON 6.0/0.005
MACHINED SURFACES

DO NOT SCALE DRAWING

ANTCOM CORP. TORRANCE, CALIFORNIA

OUTLINEDRAWING
S/C2-BAND
VIDEO/DATA LINK ANTENNA

APPROVED: S. HUYNH Sep-05-09

SIZE: D
QTY: 3
SCALE: 1/1

NMO Connector Option is Now Available for Some Antennas