



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](mailto:antennas@antcom.com) . <http://www.antcom.com>

**NOTICE OF PROPRIETARY RIGHTS**  
 THIS DOCUMENT CONTAINS CONFIDENTIAL, TECHNICAL DATA INCLUDING TRADE SECRETS PROPRIETARY TO ANTCOM CORP. DISCLOSURE OF THIS DATA TO YOU IS EXPRESSLY CONDITIONED UPON YOUR ACCEPTANCE OF THIS USE. IT IS LIMITED TO THE SPECIFIC COMPANY ONLY AND DOES NOT INCLUDE REPRODUCTION OR PREDISSEMINATION. ANY OTHER USE IS EXPRESSLY PROHIBITED WITHOUT PRIOR WRITTEN CONSENT OF ANTCOM CORP.

**SPECIFICATIONS**

ZONE	REV	DESCRIPTION	DATE	APPROVED

**REVISIONS**

ZONE	REV	DESCRIPTION	DATE	APPROVED

**ELECTRICAL:**

FREQUENCY (MHz):	L-BAND (1627-1850)
PATTERN:	OMNIDIRECTIONAL
POLARIZATION:	VERTICAL
ANTENNA GAIN : 1ft GP	4 dB (Front/Back), 2 dB (Sides)
ANTENNA GAIN : 4ft GP	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: 1.982 in. [50 mm]

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 (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

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

**P/N: 2B-L-BANDV-XT-2**

FREQUENCY (GHz):	FEMALE CONNECTOR:	COLOR:
X.XX - Y.YY	S: SMA	-1: GLOSS WHITE #17925 PER FED-STD-595B
L: 1.60 - 1.85	T: TNC	-2: LUSTERLESS GRAY #36320 PER FED-STD-595B
U/S, L-S: 1.60 - 2.50	TB: TNC-B	-3: OLIVE DRAB GREEN #34031 PER FED-STD-595B
S: 2.40 - 2.50	N: N: B: BNC	-4: Natural Back Color from Ultem 2200 Black (20% Glass)
		-5: DESERT TAN #33446 PER FED-STD-595B

QTY	DESCRIPTION	PART NO	MATERIAL	FINISH	ITEM NO
4	10-32 SCREW, 5/8" L, Item 583	MS24693C273	-	-	2
2	O-RING, Item 55-22	MS28775-022	-	-	1

**ANTCOM CORP.** TORRANCE, CALIFORNIA

OUTLINE DRAWING  
L-BAND  
VIDEO/DATA LINK ANTENNA

DATE: 4/3/2016  
DRAWN BY: S. HUYNH  
CHECKED BY: P. TRAN  
APPROVED BY: S. HUYNH

SCALE: 1/1  
SHEET 1 OF 1

1. DIMENSIONS IN BRACKETS ARE IN MILLIMETERS [mm]

NOTES: UNLESS OTHERWISE SPECIFIED:

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES FRACTIONS TO DECIMALS ANGLES ± 1/64 .001 ± .005

TOLERANCE S/M PER ANSI Y14.5 REMOVE ALL BURRS BREAK ED EDGES .005 TO .015 SCREW HEADS PER MIL-C-8879 DR'S ON A DIMEN & 20.000 MACHINED SURFACES ✓

DO NOT SCALE DRAWING

DATE: 4/3/2016  
DRAWN BY: S. HUYNH  
CHECKED BY: P. TRAN  
APPROVED BY: S. HUYNH

NMO Connector Option is Now Available for Some Antennas