



ISO 9001:2008/FAA Approved Facility

New Dual L/S-Band (1627-1850/2400-2500) MHz Antenna

P/N: 2B-L-S-BANDVV-XTT-2 Rev A

2" Tall Blade Configuration, Shorter and Lighter

Other Frequencies, Connectors, and Colors are Also Available

Antenna Mounts/Adapters: <http://www.antcom.com/documents/catalogs/PeripheralAntennaProducts2.pdf>



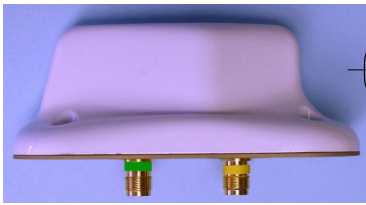
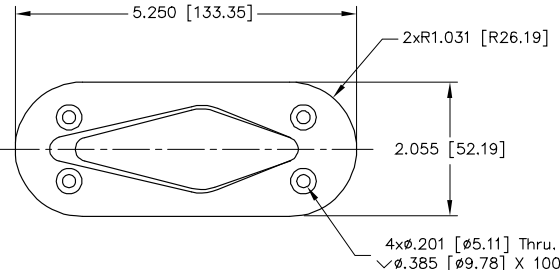
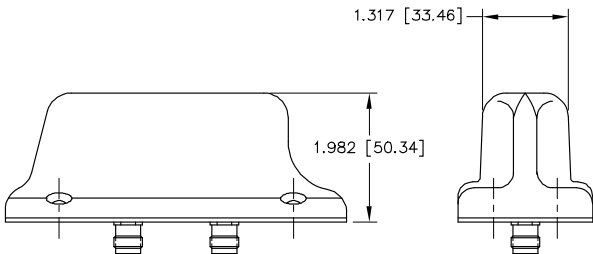
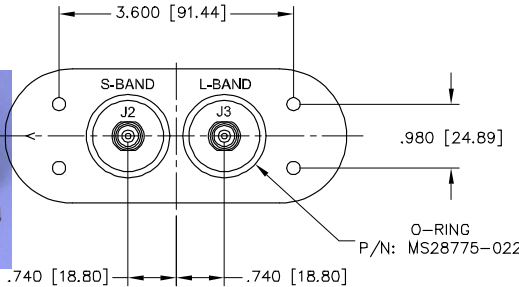


FAA Approved TSO Antennas

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>

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**REVISIONS**

ZONE	REV	DESCRIPTION	DATE	APPROVED

**P/N: 2B-L-S-BANDVV-XTT-2**

FREQUENCY (GHz):	FEMALE CONNECTOR:	COLOR:
XXX.X-YYY	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
L/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

**SPECIFICATIONS**

ELECTRICAL:	
FREQUENCY (MHz):	J3: L-BAND (1627-1850) J2: S-BAND (2400-2500)
PATTERN:	OMNIDIRECTIONAL
POLARIZATION:	VERTICAL
ANTENNA GAIN : 1ft GP	4 dB (Front/Back), 2 dB (Sides) 4 dB
ANTENNA GAIN : 4ft GP	6 dB (Front/Back), 3 dB (Sides) 5 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 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

QTY	DESCRIPTION	PART NO	MATERIAL	FINISH	TEST REQ
4	10-32 SCREW, 5/8" L, Item 583	MS24693C273	-	-	2
2	O-RING, Item 555-22	MS28775-022	-	-	1

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		ANTCOM CORP. TORRANCE CALIFORNIA	
FRACTIONS	DECIMALS	DESIGNED BY	S. HUYNH Sep-05-09
± 1/64	± .004	ORIGINALLY DESIGNED BY	S. HUYNH Sep-05-09
		DATE	Jun-12-14
		DESIGNED BY	P. TRAN Jun-12-14
		DATE	Jun-12-14
		DESIGNED BY	S. HUYNH Jun-12-14
		DATE	Jun-12-14
		DESIGNED BY	S. HUYNH Jun-12-14
		DATE	Jun-12-14

1. DIMENSIONS IN BRACKETS ARE IN MILLIMETERS [mm]

NOTES: UNLESS OTHERWISE SPECIFIED:

NMO Connector Option is Now Available for Some Antennas