



Dual UHF & LS-Band Antenna

(700-800) MHz / (1700-2200) MHz: P/N: 9B-700-800-LS-XTT-1

(452-468) MHz / (700-2600) MHz: P/N: 9B-452-468-700-2600-XTT-1-BB



ISO 9001:2008/FAA Approved Facility

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

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>

10.850 [275.59]
3.229 [82.01]
9.125 [231.78]
2.230 [56.64]
1.750 [44.45]
1.312 [33.32]
2.125 [53.98]
2.781 [70.64]
1.375 [34.93]
3.625 [92.08]
2.500 [63.50]

6x ϕ .201 [#5.11]
 \surd 4.385 [#9.78] x 100°

TNC FEMALE CONNECTOR
(Option: SMA, N, or BNC)

SPECIFICATIONS

ELECTRICAL:

UHF & L/S-Band

FREQUENCY: (700-800) MHz and (1700-2200) MHz (Also See P/N Below)

PATTERN: OMNIDIRECTIONAL

POLARIZATION: VERTICAL

ANTENNA GAIN: (On >4ft. Ground Plane) > 3 dBi

RADIATION PATTERN: OMNI-DIRECTIONAL

VSWR: < 2.0:1

OUTPUT IMPEDANCE: 50 ohms

POWER HANDLING: 100 watts

LIGHTNING PROTECTION: DC GROUNDED

MECHANICAL:

SIZE: WIDTH 3.229 in. [82 mm], LENGTH 10.850 in. [276 mm], HEIGHT 9.125 in. [232 mm]

WEIGHT: 19.58 oz. (554g)

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
COMPOSITE RADOME, IMPACT, ABRASION, UV, SOLVENT, SKYDROL RESISTANCE, AND FIRE RETARDANT

CONNECTOR: TNC FEMALE (OPTION: SMA, N, or BNC)

ENVIRONMENTAL:

TEMPERATURE: -67°F TO +185°F [-55°C TO +85°C]

ALTITUDE: 70,000 ft.

VIBRATION: 14 G's

LEAKAGE: HERMETICALLY SEALED

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

QTY	DESCRIPTION	PART NO	SPECIFICATION	MATERIAL	FINISH	UNIT
6	SCREW, MOUNTING	M524693C273	-	-	-	2

QTY	DESCRIPTION	PART NO	SPECIFICATION	MATERIAL	FINISH	UNIT
-1	DESCRIPTION	PART NO	SPECIFICATION	MATERIAL	FINISH	UNIT

SPE.	START FREQ. (MHz)	STOP FREQ. (MHz)	OTHER BANDS
1:2" SQ.	118, 225, 310, 350	310, 350, 370, 400	L/S-Band
1.5" 1.9" SQ.	310, 400, 425, 450	410, 425, 450, 470	S-Band
2.2" 2.9" DIA.	470, 500, 820, 990	500, 530, 820, 990	C-C-Band
3: 3.5" DIA.	1400, 1500, 1600,	1400, 1650, 1650,	LS: (1700-2200)MHz
4: MINIRING	1700, 1800, 1900,	1750, 1850, 1900,	SC: S/C-Band
5: B-Band, SS: Rod	2400	2500	

CABLE LENGTH:	CONNECTORS	COLORS
X: NO CABLE	S: SMA; P: PINS	-1: GLOSS WHITE #17925 PER FED-STD-595B
M: WITH MOUNT	M: MMCX; MM: MMCX	-2: LUSTERLESS GRAY #36320 PER FED-STD-595B
R: CABLE LENGTH (IN)	R: TNC; B: BNC	-3: OLIVE DRAB GREEN #34031 PER FED-STD-595B
Y: RIGHT ANGLE CON.	T: TNC; TNC- Bulkhead	-4: LUSTERLESS BLACK #37038 PER FED-STD-595B

UNLESS OTHERWISE SPECIFIED	ANTCOM CORP.
TOLERANCES ARE IN INCHES	TORRANCE CALIFORNIA
FRACTIONS 1/8" TO 1/16" ANGLES ± 1°	(700-800) MHz & (1700-2200) MHz
TOLERANCE 5M PER ANSI Y14.5	UHF/L/S-Band BLADE ANTENNA
BREAK EXTERNAL EDGES .005 TO .010	
DRILL DIA. ± .001 TO .002	
SCREW THREADS PER MIL-STD-8839	
DRILL DIA. ± .001 TO .002	
MACHINED SURFACES .125	
DO NOT SCALE DRAWING	

NMO Connector Option is Now Available for Some Antennas