



(700-800) MHz / (1700-2200) MHz UHF/L/S-Band Antenna,

P/N: 9B-700-800-LS-XTT-1-SS78

9.250" Tall Blade Configuration, -1 White, -2 Grey, -4 Black



ISO 9001:2008/FAA Approved Facility Antenna Mounts/Adapters: <http://www.antcom.com/documents/catalogs/PeripheralAntennaProducts2.pdf>

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12.550 [318.77]
4.650 [118.11]
9.250 [234.95]
3.666 [92.86]
3.000 [76.20]
3.468 [88.09]
2.375 [60.33]
2x4.006 [101.73]
2x1.505 [38.23]
1.312 [33.52]
2x1.245 [31.62]
2x3.745 [95.12]

8x#201 [Ø5.11]
#386 [Ø9.78] x 100"
for 10-32 SCREWS

TNC FEMALE CONNECTOR
(Options: 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 dBil

RADIATION PATTERN: OMNI-DIRECTIONAL

VSWR: < 2.0:1

OUTPUT IMPEDANCE: 50 ohms

POWER HANDLING: 100 watts

LIGHTNING PROTECTION: DC GROUNDED

MECHANICAL:

SIZE: WIDTH 4.650 in. [118 mm], LENGTH 12.550in. [318 mm], HEIGHT 9.250 in. [235 mm]

WEIGHT: 24 oz. (680g)

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 RETARDAN

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:

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	MS24693C273	-	-	-	2

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

UNLESS OTHERWISE SPECIFIED	ANTCOM CORP.
DIMENSIONS ARE IN INCHES FRACTIONS TOLERANCES ARE IN INCHES DECIMALS TOLERANCES ARE IN INCHES ± 1/64 .0005 .005 ± 1° TOLERANCE .5M PER ANSI Y14.5 REMOVE ALL BURRS FILES IF GO TO R AND CHECK THROUGHS FOR .5M ± .005 DIA'S ON A COMMON & .250 MACHINED SURFACES .005 DO NOT SCALE DRAWING	ANTCOM CORP. TORRANCE CALIFORNIA (700-800) MHz & (1700-2200) MHz UHF/L/S-Band BLADE ANTENNA DESIGNED: Sean Huynh DRAWN: Sean Huynh APPROVED: Sean Huynh DATE: July-30-12 SHEET 1 OF 1

NMO Connector Option is Now Available for Some Antennas