




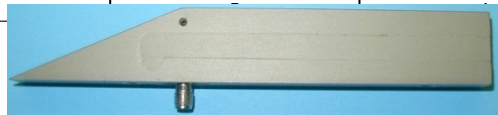
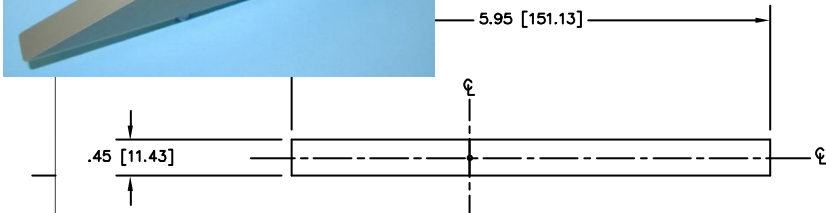
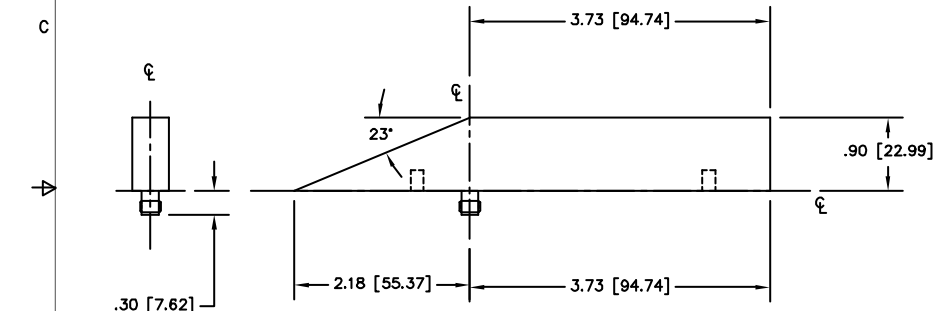

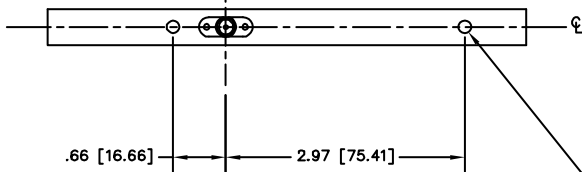
UHF Antenna, P/N: 6B-UHFX(LX)-XS-1

1" Tall Blade Configuration



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

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REVISIONS		DATE	APPROVED
1			

SPECIFICATIONS

ELECTRICAL:

PART NUMBER:	6B-UHFX-XS-1	6B-LX-XS-1
FREQUENCY RANGE:	UHF (250-550) MHz	L-BAND (750-1090) MHz
BAND WIDTH (2:1 VSWR):	(Fc +/- 4) MHz	
RADIATION PATTERN:	OMNIDIRECTIONAL	
POLARIZATION:	VERTICAL	
ANTENNA GAIN:	2.0 dB	
VSWR:	< 2.0:1	
OUTPUT IMPEDANCE:	50 Ω	
POWER HANDLING:	300 Watts	
DC GROUNDING:	YES (LIGHTENING PROTECTION)	

(Fc +/- 10) MHz

MECHANICAL:

SIZE: WIDTH 0.45 in. [11.43 mm], LENGTH 5.95 in. [151.13 mm], HEIGHT 0.90 in. [22.99 mm]

WEIGHT: 2.8 oz. (0.08 Kg)

FINISH: THERMAL PROTECTION PAINT
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

CONNECTOR: SMA FEMALE
(OPTIONAL CONNECTORS TNC AND SMA TYPE)

ENVIRONMENTAL:

TEMPERATURE: -85°F TO +400°F [-65°C TO +204°C]

ALTITUDE: 70,000 ft.

VIBRATION: >30 G's

LEAKAGE: HERMETICALLY SEALED

FEDERAL & MILITARY SPECIFICATIONS:

DESIGN TO: FAA TSO-C144, DO-160D, DO-228, MIL-C-5541, MIL-E-5400, MIL-I-45208A, MIL-STD-810, AND SAE J1455

QUANTITY REQD	DESCRIPTION	PART NO	SPECIFICATION	MATERIAL	FINISH	USE
4	SCREW, MOUNTING	MS24693C274	-	-	-	2
-2	-1	-	-	-	-	1

MOUNTING: 2x 10-32 UNC-2B, 0.250" DEEP

2. MOUNTING SCREWS ARE SUPPLIED BY ANTCOM CORPORATION

1. DIMENSIONS IN BRACKETS ARE IN MILLIMETERS [mm]

NOTES: UNLESS OTHERWISE SPECIFIED:

NMO Connector Option is Now Available for Some Antennas