(225-400)/(960-1220) MHz UHF/L-Band Antenna

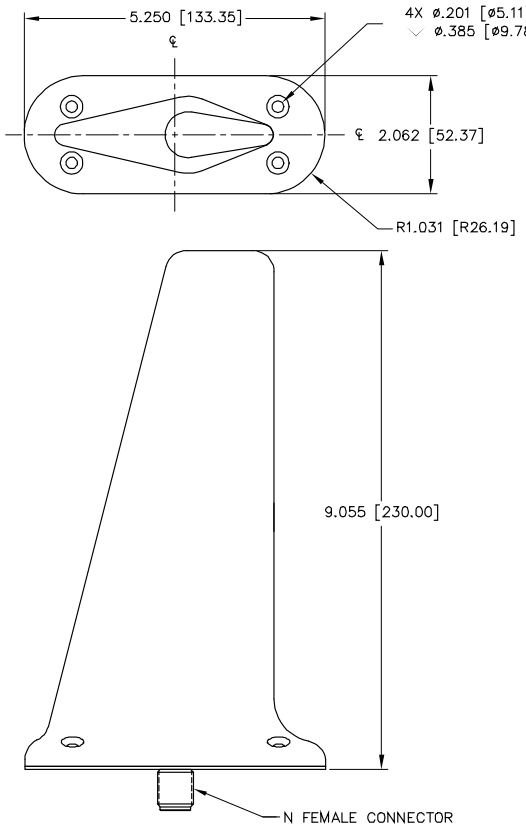
P/N: 9B-225-400-960-1220XN-2-16-113

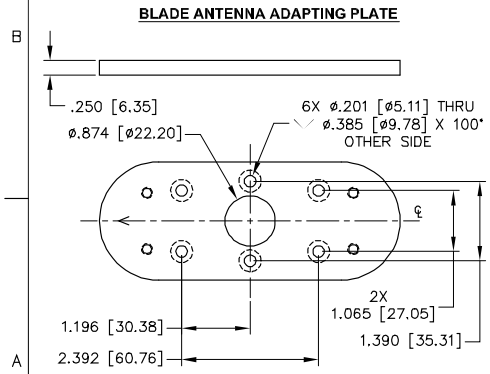
Other Frequency Bands, Color and Connector Options are Also Available

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

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 ASSENT THAT ITS USE IS LIMITED TO USE WITHIN YOUR COMPANY ONLY (AND DOES NOT INCLUDE MANUFACTURE OR PROCESSING USES). ANY OTHER USE IS STRICTLY PROHIBITED WITHOUT PRIOR WRITTEN CONSENT OF ANTCOM, CORP.





P/N: 9B-225-400-960-1220XN-2-16-113

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

SPECIFICATIONS

ELECTRICAL:

FREQUENCY:	(225-400)/(960-1220) GHz
PATTERN:	OMNIDIRECTIONAL
POLARIZATION:	VERTICAL
ANTENNA GAIN:	(-1 to +4) dBi
RADIATION PATTERN:	OMNI-DIRECTIONAL
VSWR:	< 2.0:1
OUTPUT IMPEDANCE:	50 ohms
POWER HANDLING:	100 watts
LIGHTNING PROTECTION:	DC GROUNDED

MECHANICAL:

SIZE:	WIDTH 2.062 in. [52.37 mm], LENGTH 5.250 in. [133.35 mm], HEIGHT 9.055 in. [230.00 mm]
WEIGHT:	11.5 oz. (326 g)
FINISH:	SKYDROL RESISTANT POLYURETHANE ENAMEL BASE IRIDITE PER MIL-C-5441F
MATERIAL:	6061-T6 ALUMINUM ALLOY BASE COMPOSITE RADOME, IMPACT, ABRASION, UV, SOLVENT, SKYDROL RESISTANCE, AND FIRE RETARDAN
CONNECTOR:	N FEMALE (OPTION: SMA, TNC, 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: TSO-C169A/C144, DO-160D, D0-228, MIL-C-5541F, MIL-STD-461E/F, MIL-E-5400, MIL-I-45208A, MIL-STD-810, MIL-S-901D, MIL-STD-167-1A, SAE J1455

ITEM NO	QUANTITY REQ	DESCRIPTION	PART NO	SPECIFICATION	MATERIAL	FINISH
		PARTS LIST				
1	1	O-RING	MS24693C273	–	–	–
2	4	SCREW, MOUNTING	MS28775-024	–	–	–

START FREQ. (GHz):	STOP FREQ. (GHz):	OTHER BAND:	CABLE'S LENGTH:	CONNECTOR:	COLOR:
.116, .225, .310, .350,	.310, .350, .370, .400,	L: L-Band	X: NO CABLE	S: SMA; P: PINS	-1: GLOSS WHITE #17925 PER FED-STD-595B
.370, .400, .425, .450,	.410, .425, .450, .470,	S: S-band	M: WITH MAG. MOUNT	M: MCX; MM: MMCX	-2: LUSTERLESS GRAY #36320 PER FED-STD-595B
.470, .500, .820, .990,	.500, .532, .820, .960,	C: C-Band	#: CABLE LENGTH (IN)	N: N/N-Bulkhead	-3: CAMO GREEN #34094 PER FED-STD-595B
1.30, 1.50, 1.60, 1.70,	1.22, 1.55, 1.85, 1.75,	LS: (1700-2200)MHz	R: RIGHT ANGLE CON.	T, TB: TNC, TNC- Bulkhead	-4: LUSTERLESS BLACK #37038 PER FED-STD-595B
1.80, 1.99, 2.20, 2.40	1.85, 1.99, 2.50	SC: S/C-Band			-5: TAN #33446 PER FED-STD-595B

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE: FRACTIONS ± 1/64, DECIMALS .XX± .015, .XXX± .005, ANGLES ± 1°. TOLERANCE SYM PER ANSI Y14.5. REMOVE ALL BURRS. BREAK EXTERNAL EDGES .006 TO .015. FILLETS R .005 TO R .030. SCREW THREADS PER MIL-S-8879. DIA'S ON A COMMON ℄ Ø.005. MACHINED SURFACES 125. DO NOT SCALE DRAWING.

ORIGINALLY DRAWN	S. HUYNH Mar-21-13
ORIGINALLY DESIGNED	S. HUYNH Mar-21-13
UPDATED	S. HUYNH Oct-14-16
UPDATE DRAWN	P. TRAN Oct-14-16
APPROVED	S. HUYNH Oct-14-16

ANTCOM CORP. TORRANCE CALIFORNIA

(225-400)/(960-1220) GHz BLADE ANTENNA

SIZE	CAGE NO	DRAWING NO	REV
D	3CVE1	9B-225-400-960-1220XN-2-16-113	

SCALE 1/1 SHEET 1 OF 1