



Wide-Band UHF/L/S-Band/Wifi Antenna

P/N: 9B-0.10-2.70XN-1-RoHS (100-2700) MHz, N Female Connector
P/N: 9B-0.22-0.44XB-1-RoHS (225-440) MHz, BNC Female Connector
 Other Frequency Bands, Color and Connector Options are Also Available



ISO 9001:2008/FAA Approved Facility [Antenna Mounts/Adapters: http://www.antcom.com/documents/catalogs/PeripheralAntennaProducts2.pdf](http://www.antcom.com/documents/catalogs/PeripheralAntennaProducts2.pdf)

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SPECIFICATIONS

REVISIONS	
ZONE	REVISIONS
REV	DESCRIPTION
DATE	APPROVED

ELECTRICAL:

FREQUENCY:	(0.10-2.70) GHz
PATTERN:	OMNIDIRECTIONAL
POLARIZATION:	VERTICAL
ANTENNA GAIN:	(-1 to +4) dBi
RADIATION PATTERN:	OMNI-DIRECTIONAL
VSWR:	(2 to 3.5):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, TYPE II CLASS 3

MATERIAL: 6061-T6 ALUMINUM ALLOY BASE
COMPOSITE RADOME, IMPACT, ABRASION, UV, SOLVENT,
SKYDROL RESISTANCE, AND FIRE RETARDANT

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

P/N: 9B-0.10-2.70XN-1-RoHS

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: MMICX	-2: LUSTERLESS GRAY #36320 PER FED-STD-595B
.470, .500, .620, .850,	.500, .532, .820, .960,	C: C-Band	#: CABLE LENGTH (IN)	N: N/A-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, 1.98, 2.20, 2.40	1.85, 1.99, 2.50, 2.70	SC: S/C-Band			-5: TAN #33446 PER FED-STD-595B

QTY	DESCRIPTION	PART NO	SPECIFICATION	MATERIAL	FINISH	PLM NO
1	O-RING	MS24693C273				2
4	SCREW, MOUNTING	MS28775-024				1

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS DECIMALS ANGLES	ORIGINALLY DRAWN	S. HUYNH
± 1/64 .005 .005 ± 1°	ORIGINALLY DESIGNED	S. HUYNH
TOLERANCE 5M PER ANSI Y14.5	UPDATED	S. HUYNH
MINIMUM WALL THICKNESS .006 TO .015	UPDATE DRAWN	P. TRAN
DRILL TO .001 IN DIA	APPROVED	S. HUYNH
USE V-THREADS PER MIL-S-8879		
DRY ON A CLEAN Q-COP		
MACHINED SURFACES		
DO NOT SCALE DRAWING		

ANTCOM CORP.		TORRANCE CALIFORNIA
UHF/L/S-Band/Wifi		
BLADE ANTENNA		
SCALE 1/1	SHEET 1 OF 1	