



(26-108) MHz VHF Antenna

P/N: 9B-26-108-XN-2

9.8" Tall Blade Configuration. Other Frequencies, Connectors and Colors Are Available



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

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10.850 [275.59]

3.229 [82.01]

9.825 [249.56]

2.230 [56.64]

1.750 [44.45]

2.500 [63.50]

1.375 [34.93]

2.125 [53.98]

0.656 [16.66]

2.781 [70.64]

3.625 [92.08]

N FEMALE CONNECTOR

P/N: 9B-26-108-XN-2

SIZE:	START FREQ. (GHz)	STOP FREQ. (GHz)	OTHER BAND:	CABLE LENGTH:	CONNECTOR:	COLOR:
1: 2" SQ.	.026, .116, .225, .310	.108, .310, .360, .370	L/L-Band	X/NO CABLE	S: SMA; P: PINS	*1: GLOSS WHITE #17925 PER FED-STD-555B
1.5" 1.9" SQ.	.370, .400, .425, .450	.410, .425, .450, .470	S/S-Band	M/VTH MAGS. MOUNT	M: M/CX; MW: MM/CX	*2: LUSTERLESS GRAY #36320 PER FED-STD-555B
2: 2.0" DIA.	.470, .560, .620, .720	.500, .630, .710, .820	C/C-Band	R: CABLE LENGTH (IN)	N: N; B: Bulkhead	*3: POLYURETHANE GREEN #34631 PER FED-STD-555B
3: 3.5" DIA.	.580, 1.30, 1.50, 1.60	.660, 1.40, 1.65, 1.65	L/S: (1700-2200MHz)	R: RIGHT ANGLE CON.	T: TB; TNC; TNC-Bulkhead	*4: LUSTERLESS BLACK #37038 PER FED-STD-555B
4: MINI ARNING	1.70, 1.80, 1.99, 2.20	1.75, 1.85, 1.99, 2.50	S/C: S/C-Band			
5: 5" DIA.	2.240					

6x ϕ .201 [ϕ 5.11]

\checkmark ϕ .385 [ϕ 9.78] X 100° for 10-32 SCREWS

SPECIFICATIONS

ELECTRICAL:	
FREQUENCY (MHz):	(26-108) MHz
PATTERN:	OMNIDIRECTIONAL
POLARIZATION:	VERTICAL
ANTENNA GAIN: 4ft GP	(-12 to +4) dBil
VSWR:	(26-34)MHz: 4.5:1 49MHz: 3:1 (62-84)MHz: 2:1 92MHz: 2:1 108MHz: 2:1
OUTPUT IMPEDANCE:	50 Ω
POWER HANDLING:	100 watts
LIGHTNING PROTECTION:	DC GROUNDING

MECHANICAL:	
SIZE:	WIDTH 3.23 in. [82.01 mm], LENGTH 10.85 in. [275.59 mm], HEIGHT 9.825 in. [249.56 mm]
WEIGHT:	1.34 lbs. (609 g)
FINISH:	SKYDROL RESISTANT POLYURETHANE ENAMEL BASE RoHS IRIDITE PER MIL-C-5541 Class 1A and Class 3
MATERIAL:	6061-T6 ALUMINUM ALLOY BASE THERMOSET PLASTIC RADOME, UV, ABRASION AND SKYDROL RESISTANCE
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:	10 G's
LEAKAGE:	HERMETICALLY SEAL

FEDERAL & MILITARY SPECIFICATIONS:

DESIGN TO: TSO-C129A/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

QTY	DESCRIPTION	PART NO	SPECIFICATION	MATERIAL	FINISH	UNIT
6	SCREW, MOUNTING	MS24693C273	-	-	-	2
-1						1

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS DECIMALS ANGLES ± 1/64 ± .005 ± .005 ± 1°

RELIEVE ALL SHARP EDGES & ROUNDS .006 TO .015 FILE TO .005 TO # 1000 P. TRAN AUG-22-16

DO NOT SCALE DRAWING

ANTCOM CORP. TORRANCE, CALIFORNIA	
(26-108) MHz VHF BLADE ANTENNA	
DATE: D 3CVE1	ISSUED BY: S. HUYNH
SCALE: 1/1	SHEET: 1 OF 1