



(100-2700)MHz Wide-Band UHF/L/S-Band/Wifi Antenna

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

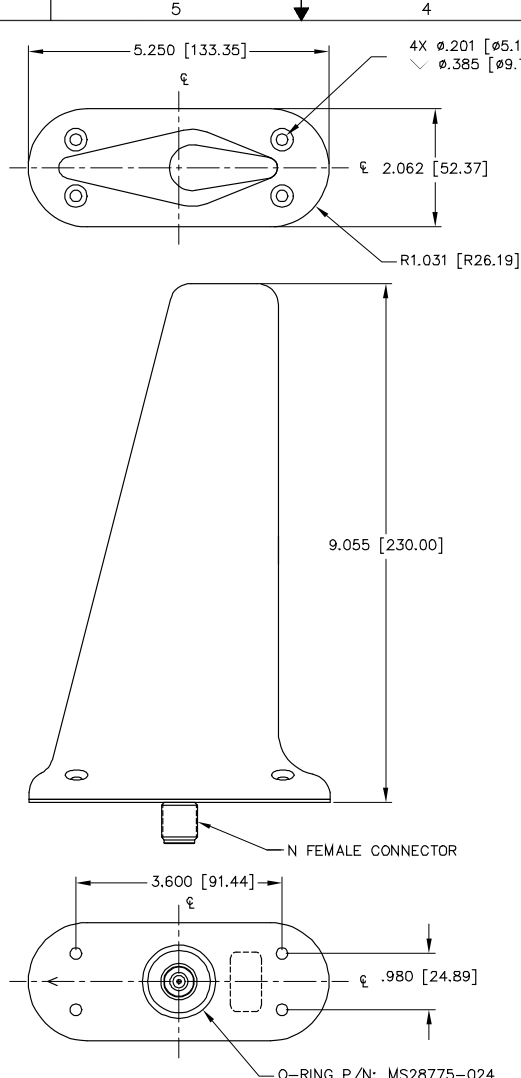


Other Frequency Bands, Color and Connector Options are Also Available

ISO 9001:2008/FAA Approved Facility

Antenna Mounts/Adapters: <http://www.antcom.com/documents/catalogs/PeripheralAntennaProducts2.pdf>

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](mailto:antennas@antcom.com) . <http://www.antcom.com>



**SPECIFICATIONS**

**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

QTY	DESCRIPTION	PART NO	SPECIFICATION	MATERIAL	FINISH	ITEM NO
1	O-RING	MS24693C273	-	-	-	2
4	SCREW, MOUNTING	MS28775-024	-	-	-	1
-1						
PARTS LIST						
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS DECIMALS ANGLES						
1/16	.005	.015	± 1°			
TOLERANCE S/M PER ANSI Y14.5						
DRAWING ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED ARE IN INCHES						
FRAC	DEC	ANG				
1/16	.005	± 1°				
MACHINED SURFACES						
DO NOT SCALE DRAWING						
APPROVED	DATE	BY	DATE	BY	DATE	BY
S. HUYNH	Oct-14-16	S. HUYNH	Oct-14-16	S. HUYNH	Oct-19-16	P. TRAN
S. HUYNH	Oct-19-16	S. HUYNH	Oct-19-16	S. HUYNH	Oct-19-16	S. HUYNH
ANTCOM CORP. TORRANCE CALIFORNIA			UHF/L/S-Band/Wifi BLADE ANTENNA			
REV	DATE	DESCRIPTION	BY	DATE	BY	DATE
D	3CVE1	9B-0.10-2.70XN-1-RoHS	S. HUYNH	Oct-19-16	S. HUYNH	Oct-19-16
SCALE 1/1			SHEET 1 OF 1			

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, .620, .950	.500, .532, .820, .960	C: C-Band	#: CABLE LENGTH (IN)	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: T8; 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: TAIN #33446 PER FED-STD-595B

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NMO Connector Option is Now Available for Some Antennas