



UHF, GSM/PCS/L-Band, L/S, S, C, Ku-Band Antennas, P/N: 5W-X.XX-Y.YYP-XX-4-GN 2.6, 4.1, and 6.1in Tall x 0.5" Dia. Rod Goose Neck Configuration



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 . <http://www.antcom.com>

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REVISIONS	
ZONE	REV
DESCRIPTION	DATE
APPROVED	

ELECTRICAL:				
FREQUENCY (MHz):	UHF	GSM/PCS/L-BAND	L/S-BAND	S-BAND
	(310-400) (400-450) (810-960)	(1332-1540) (1610-1850)	(1610-2500) (2400-2500)	(2400-5850)
	(350-450)	(800-1990)	(1700-5850)	
PATTERN:	OMNIDIRECTIONAL			
POLARIZATION:	VERTICAL			
ANTENNA GAIN :	> 2 dB			
VSWR:	2.0:1			
OUTPUT IMPEDANCE:	50 Ω			
POWER HANDLING:	50 watts (Without LNA)			
LNA OPTION:	GAIN: 20 dB DC: (5 to 24) Volt @ <70mA			

MECHANICAL:	
SIZE:	DIAMETER: TOP= 0.500 in [12.70 mm] HEIGHT: 4.513in [114mm] (without Goose Neck)
WEIGHT:	1.5 oz. (42g)
FINISH:	SKYDROL RESISTANT POLYURETHANE ENAMEL, BLACK ANODIZE PER MIL-A-8625F
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 THERMOSET PLASTIC RADOME, UV, ABRASION AND SKYDROL RESISTANCE
CONNECTOR:	TNC MALE (OPTION: SMA, N, BNC AND OTHERS)

ENVIRONMENTAL:	
TEMPERATURE:	-76°F TO +194°F [-60°C TO +90°C]
ALTITUDE:	70,000 ft.
VIBRATION:	>10 G's
LEAKAGE:	HERMETICALLY SEALED

FEDERAL & MILITARY SPECIFICATIONS:	
DESIGN TO:	DO-160D, MIL-C-5541, MIL-E-5400, MIL-I-45208A, AND MIL-STD-810E

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1	DESCRIPTION	PART NO	SPECIFICATION	MATERIAL	FINISH	ITEM NO

QUANTITY REQD		PARTS LIST	

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

TOLERANCE SWM PER ANSI Y14.5	
REMOVE ALL BURRS	
BREAK EXTERNAL EDGES .005 TO .015	
FILLETS R .005 TO R .030	
SCREW THREADS PER MIL-S-8879	
DIA'S ON A CONNOM & Z<sup>0.005	
MACHINED SURFACES	125

DRAWN		ENGINEER		APPROVED	

SIZE	CAGE NO	DRAWING NO	REV
D	3CVE1	5W-X.XX-Y.YYP-XTM-4-GN-Xin	1

SCALE	SHEET
1/1	1 OF 1

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P/N: 5W-X.XX-Y.YYP-XTM-4-GN-Xin

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CONFIGURATION:	FREQUENCY:	LNA:	CABLE'S LENGTH:	CONNECTOR:	COLOR:
S2: WITH 1.75IN DIA. FLANGE S: WITHOUT Flange	0.31-0.40: (310-400) MHz 0.35-0.40: (350-400) MHz 0.40-0.45: (400-450) MHz 0.61-0.68: (810-960) MHz 0.85-1.90: (850-1900) MHz 1.33-1.64: (1332-1540) MHz 1.61-1.85: (1610-1850) MHz 1.61-2.50: (1610-2500) MHz 2.40-2.50: (2400-2500) MHz 4.40-5.85: (4400-5850) MHz 4.70-5.85: (1700-5850) MHz 2.40-5.85: (2400-5850) MHz L-S-C-Ku: (L/S/C/Ku-Band) X.XX - Y.YY: (X.XX - Y.YY) GHz	A: WITH +20 dB LNA P: WITHOUT LNA	X: NO CABLE M: WITH MAG. MOUNT Z: CAB. F. LENGTH (IN) R: RIGHT ANGLE CON.	S: SMA FEMALE SM: SMA MALE T: TNC FEMALE TM: TNC MALE N: N FEMALE; B: BNC FEMALE NM: N MALE; BNC MALE	-1: GLOSS WHITE #17925 PER FED-STD-595B -2: LUSTERLESS GRAY #36320 PER FED-STD-595B -3: OLIVE DRAB GREEN #34031 PER FED-STD-595B -4: Natural Back Color from UHam 2200 Black (20% Glass) -5: DESERT TAN #33446 PER FED-STD-595B

GOOSE NECK LENGTH:
3, 4, 6, 9, 12, Xin

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NMO Connector Option is Now Available for Some Antennas