



ISO 9001:2008/FAA Approved Facility

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

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	
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ELECTRICAL:	
FREQUENCY (MHz):	UHF (310-400) (400-450) (810-960) GSM/PCS/L-BAND (1332-1540) (1610-1850) L/S-BAND (1610-2500) (2400-2500) S-BAND (2400-5850) C-BAND (4400-5850)
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
1	UHF, GSM/PCS/L-BAND, L/S, S, C, X, Ku-BAND OMNI ANTENNA					1

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 1.70-5.85: (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 R: CAB. F. LENGTH (IN) R: RIGHT ANGLE CON.	S: SMA FEMALE SM: SMA MALE T: TNC FEMALE TNC: 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 Ultram 2200 Black (20% Glass) -5: DESERT TAN #33446 PER FED-STD-595B

GooseNeck Length: 3, 4, 6, 9, 12, Xin

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

NMO Connector Option is Now Available for Some Antennas