



UHF, GSM/PCS/L-Band, L/S, S, C, X, or Ku-Band Antenna,
P/N: 5W-X.XX-Y.YYP-XX-4-SL Rev E
2.6, 4.1, and 6.1in Tall x 0.5" Dia. Rod Spring Loaded Configuration
LNA Options are 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 . <http://www.antcom.com>

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**P/N: 5W-2.40-5.80P
 -XS-4-SL,
 (2.4-5.8) GHz**

**5W-3.60-3.80P
 -XB-4-SL
 (3.6-3.8) GHz**

**5W-4.0-6.0P
 -XTM-5-SL
 (4-6) GHz**

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

SPECIFICATIONS

ELECTRICAL:		REVISIONS				
		ZONE	REV	DESCRIPTION	DATE	APPROVED
UHF (350-450)		E		with DIRT COVER	FEB-01-11	S.H
GSM/PCS/L-BAND (800-1990)						
L/S-BAND (1610-1850)						
S-BAND (2400-2500)						
C-BAND (4400-5850)						
FREQUENCY (MHz): (310-400) (400-450) (810-960) (1332-1540) (1610-1850) (1610-2500) (2400-2500) (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, NF: 4.1 dB, OP1dB: +18dB, OIP3: +33dB DC: (5 to 24) Volt @ <70mA						

MECHANICAL:

SIZE: DIAMETER: TOP= 0.500 in [12.70 mm]
 HEIGHT: 2.6in [66mm] (C-Band), 4.1in [104mm] (S-Band), 6.1in [155mm] (L/UHF Band), See Part Number Below

WEIGHT: UHF: 1.5 oz. (42g); L-Band: 1.1 oz. (30g); S-Band: 0.9 oz. (25g); C-Band: 0.8 oz. (22g) (for SMA: Reduce 0.32 oz (9g), for N Connector: Add 0.5 oz (15g))

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: -67°F TO +185°F [-55°C TO +85°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

CONFIGURATION:	FREQUENCY:	LNA:	CABLE'S LENGTH:	CONNECTOR:	COLOR:
52: WITH 1.75IN DIA. FLANGE 5: WITHOUT Flange	0.31-0.40: (310-400) MHz 0.35-0.40: (350-400) MHz 0.40-0.45: (400-450) MHz 0.81-0.96: (810-960) MHz 0.85-1.90: (850-1900) MHz 1.33-1.54: (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 X.XX - Y.YY: (X.XX - Y.YY) GHz	A: WITH +20 dB LNA P: WITHOUT LNA	X: NO CABLE M: WITH MAG. MOUNT # : CABLE 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 Black Color from Ultem 2200 Black (20% Glass) -5: DESERT TAN #33446 PER FED-STD-595B

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

NMO Connector Option is Now Available for Some Antennas