



ISO 9001:2008/FAA Approved Facility

C-Band Antenna

P/N: 5W-4.40-5.85P-XTM-4-GN-6in

6in GN and 4.5in Tall x 0.5" Dia. Rod - *Goose Neck* Configuration

Other Frequencies, Color and Connector Options are Available

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>

6

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4

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φ.500 [12.70]

< 2.640 in [67.06]

6.000 [152.40]

TNC MALE CONNECTOR
(OPTION: SMA, N, BNC)

SPECIFICATIONS

ELECTRICAL:

FREQUENCY (GHz):	C-BAND (4.40-5.85)
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: <2.640 in [67.06 mm] (without Goose Neck)

WEIGHT: 1.5 oz. (42g)

FINISH: SKYDROL RESISTANT POLYURETHANE ENAMEL, BLACK ANODIZE PER MIL-A-8625F

MATERIAL: 6061-T6 ALUMINUM ALLOY BASE
THERMOSET PLASTIC RADOME, UV, ABRASION AND SKYDROL RESISTANCE

CONNECTOR: TNC MALE
(OPTION: SMA, N, BNC)

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

REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED

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

P/N: 5W-4.40-5.85P-XTM-4-GN-6in

CONFIGURATION:
5z: WITH 1.75IN DIA. FLANGE
5: WITHOUT Flange

FREQUENCY:	LNA:	CABLE'S LENGTH:	CONNECTOR:	COLOR:
0.31-0.40: (310-400) MHz	A: WITH +20 dB LNA	X: NO CABLE	S: SMA FEMALE	-1: GLOSS WHITE #17925 PER FED-STD-595B
0.35-0.40: (350-400) MHz	P: WITHOUT LNA	M: WITH MAG. MOUNT	SM: SMA MALE	-2: LUSTERLESS GRAY #38320 PER FED-STD-595B
0.40-0.45: (400-450) MHz		#: CABLE LENGTH (IN)	T: TNC FEMALE	-3: CAMO GREEN #34094 PER FED-STD-595B
0.61-0.96: (610-960) MHz		R: RIGHT ANGLE CON.	TM: TNC MALE	-4: NATURAL BLACK (JItem 2200 Black)
0.85-1.00: (850-1000) MHz		N: N FEMALE; B: BNC FEMALE	NM: N MALE; BN: BNC MALE	-5: DESERT TAN #33446 PER FED-STD-595B
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				
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:(XXX-Y.YY) GHz				

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QUANTITY REQD

DESCRIPTION	PART NO	SPECIFICATION	MATERIAL	FINISH	ITEM NO
					1

PARTS LIST

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	ORIGINAL DRAWN	ANTCOM CORP. TORRANCE CALIFORNIA
FRACTIONS: DECIMALS ANGLES ± 1/64 .XX ± .015 ± 1° .XXX ± .005	S. HUYNH May-10-16	
TOLERANCE SYM PER ANSI Y14.5	S. HUYNH May-10-16	
REMOVE ALL BURRS BREAK EXTERNAL EDGES .005 TO .016 FILLET R .005 TO R .030 SCREW THREADS PER MIL-S-8879 DIMS ON A COMMON & 2X .005	S. HUYNH June-14-16	
MACHINED SURFACES $\sqrt{125}$	P. TRAN June-14-16	
DO NOT SCALE DRAWING	S. HUYNH June-14-16	

SCALE 1/1

SHEET 1 OF 1

NMO Connector Option is Now Available for Some Antennas