Dual LTE/Wi-Fi Antenna

P/N: 6BH-1.7-2.7-2.4-2.5V-XSS-4

Other Frequencies, Connectors and Colors 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

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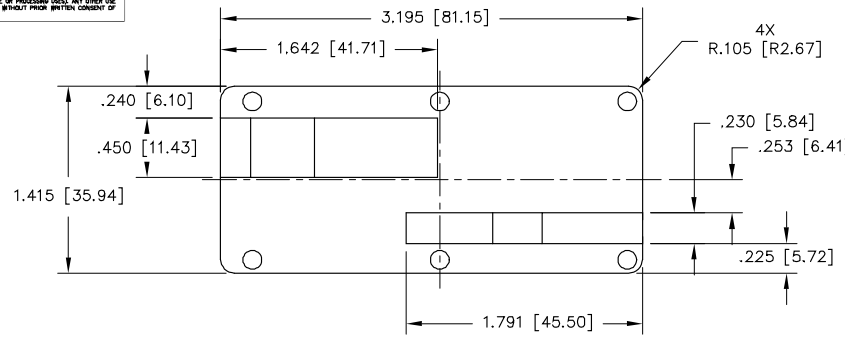
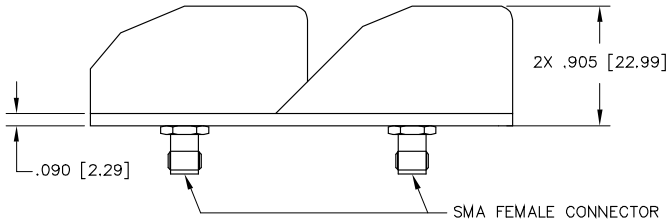
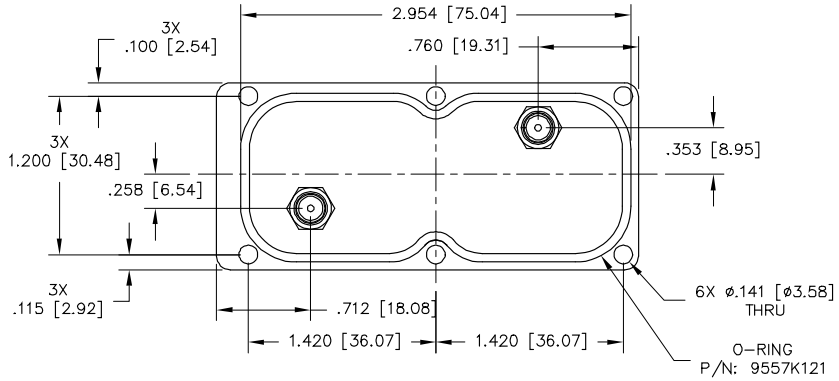
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	-	-	-	-







P/N: 6BH-1.7-2.7-2.4-2.5V-XSS-X

SPECIFICATIONS

ELECTRICAL:

	LTE (1.7 - 2.7) GHGz	WIFI (2.4 - 2.5) GHGz
FREQUENCY:		
RADIATION PATTERN:	OMNIDIRECTIONAL	
POLARIZATION:	VERTICAL	
ANTENNA GAIN:	(2 to 5) dB	
VSWR:	< 2.0:1	
OUTPUT IMPEDANCE:	50Ω	
POWER HANDLING:	300 Watts	
DC GROUNDING:	YES (LIGHTNING PROTECTION)	

MECHANICAL:

SIZE: WIDTH 1.41 in. [35.94 mm], LENGTH 3.195 in. [81.15 mm], HEIGHT 0.905 in. [22.99 mm]

WEIGHT: 1.5 oz. (42.5 g)

FINISH: YELLOW IRITE PER MIL-C-5541F, TYPE 1 CLASS 3

COLOR: LUSTERLESS GRAY #36320 PER FED-STD-595B
GLOSS WHITE #17925 PER FED-STD-595B
CAMO GREEN #34094 PER FED-STD-595B
LUSTERLESS BLACK #37038 PER FED-STD-595B
DESERT TAN #33446 PER FED-STD-595B

MATERIAL: 6061-T6 ALUMINUM ALLOY BASE

CONNECTOR: SMA FEMALE
(OPTIONAL: TNC FEMALE CONNECTOR)

ENVIRONMENTAL:

TEMPERATURE: -85°F TO +1,100°F [-65°C TO +600°C]
ALTITUDE: 70,000 ft.
VIBRATION: >30 G's

FEDERAL & MILITARY SPECIFICATIONS:

DESIGN TO: FAA TSO-C144, DO-160D, DO-228, MIL-C-5541, MIL-E-5400, MIL-I-45208A, MIL-STD-810, AND SAE J1455

QUANTITY REQD	ITEM NO	DESCRIPTION	PART NO	SPECIFICATION	MATERIAL	FINISH
PARTS LIST						
-	-	-	-	-	-	-	1
-	1	O-RING, .06" DIA.	9557K121	-	-	-	1
-2	-1						

COLOR:
-1: GLOSS WHITE #17925 PER FED-STD-595B
-2: LUSTERLESS GRAY #36320 PER FED-STD-595B
-3: CAMO GREEN #34094 PER FED-STD-595B
-4: LUSTERLESS BLACK #37038 PER FED-STD-595B
-5: DESERT TAN #33446 PER FED-STD-595B

1. DIMENSIONS IN BRACKETS ARE IN MILLIMETERS [mm]

NOTES: UNLESS OTHERWISE SPECIFIED:

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE: FRACTIONS ± 1/64, DECIMALS .XXX ± .015, .XXXX ± .005, ANGLES ± 1°
TOLERANCE SYM PER ANSI Y14.5
REMOVE ALL BURRS. BREAK EXTERNAL EDGES .005 TO .015 CHAMFER AND/OR RADIUS.
SCREW THREADS PER MIL-S-8879
DIA'S ON A COMMON ⌀ ±.005
MACHINED SURFACES 125/

DO NOT SCALE DRAWING

ORIGINALLY DRAWN	S. HUYNH	Dec-11-15
ORIGINALLY DESIGNED	S. HUYNH	Dec-11-15
UPDATE DRAWN	P. TRAN	Jan-27-16
UPDATE DESIGN	S. HUYNH	Jan-27-16
APPROVED	S. HUYNH	Jan-27-16

TORRANCE, CALIFORNIA

HIGH TEMPERATURE TELEMETRY & DATA LINK ANTENNA

SIZE D | CAGE NO 3CVE1 | DRAWING NO 6BH-1.7-2.7-2.4-2.5V-XSS-X | REV -

SCALE 1/1 | SHEET 1 OF 1

NMO Connector Option is Now Available for Some Antennas