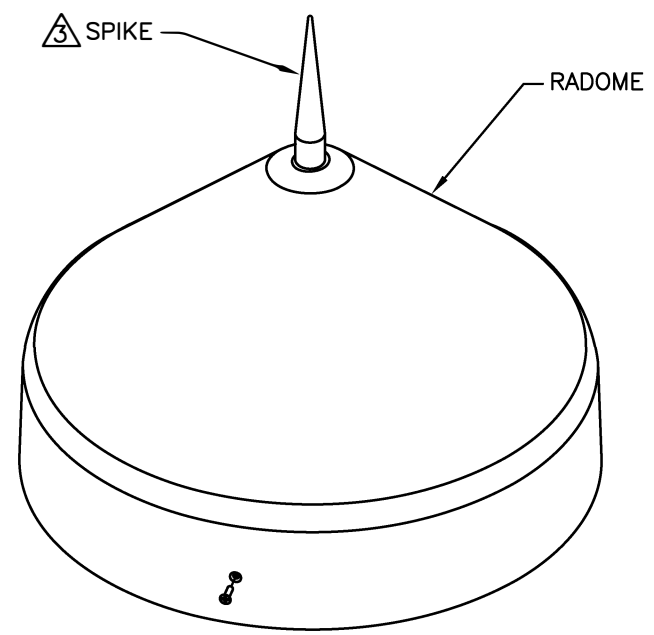
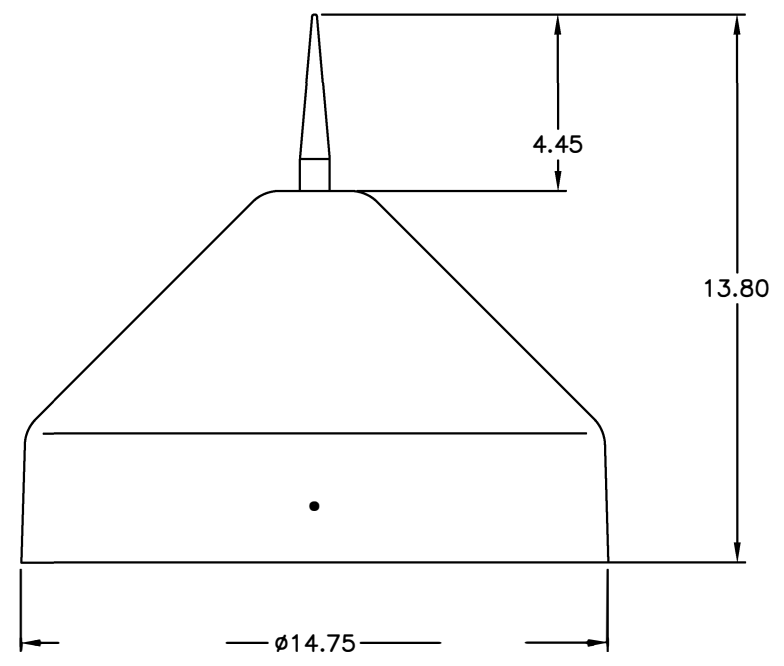


REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED
D	UPDATE PER ECO 9385	09/15/10	

NOTES: UNLESS OTHERWISE SPECIFIED.

- 1. LOGO OPTIONAL.
- 2. LABEL SIZE, SHAPE, AND CONTENTS SUBJECT TO CHANGE WITHOUT NOTICE.
- 3. SPIKE, NYLON HEX NUT AND HARDWARE SUPPLIED SEPARATELY.
- 4. TOLERANCES: .XX = ±.03  
.XXX = ±.010



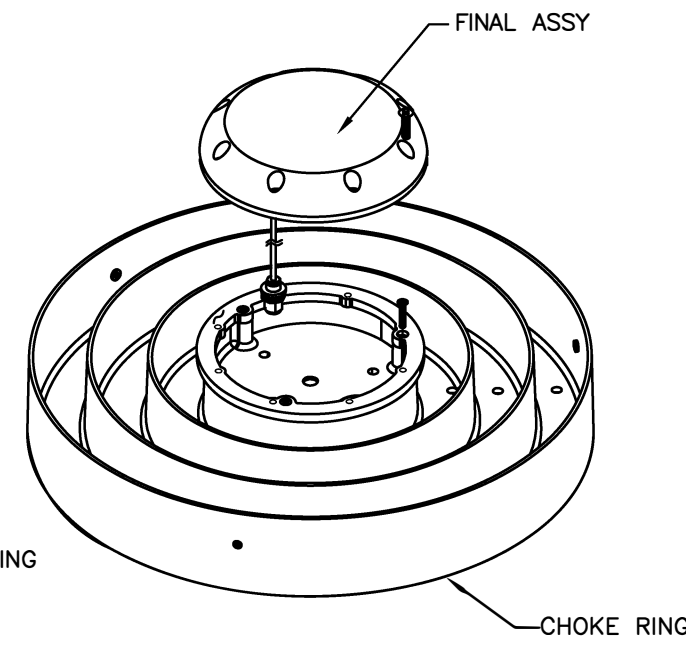
**SPECIFICATION:**

FREQUENCY: 1525-1615 MHz L-Band, L1, Glonass (G1)  
1164-1260 MHz L2, Glonass (G2), L5 (Galileo, E1, E5a, E5b)

POLARIZATION: RIGHT HAND CIRCULAR  
AXIAL RATIO: 3 dB MAX @ BORESIGHT  
RADIATION COVERAGE: 6.0 dBic 0° = 0°  
-2.0 dBic 0° < θ < 75°  
-3.0 dBic 75° ≤ θ < 80°  
-4.0 dBic 80° ≤ θ < 85°  
-5.0 dBic HORIZON

AMPLIFIER: 2.6 dB MAX  
NOISE FIGURE: 50 OHMS  
IMPEDANCE: ≤2.0:1  
VSWR:

POWER HANDLING: 1 WATT  
FINISH: UV RESISTANT POLYURETHANE ENAMEL, WHITE  
WEIGHT: 10 LBS MAX  
OPERATING TEMP: -55°C TO +85°C  
DESIGNED TO: DO-160C



3D REF VIEW

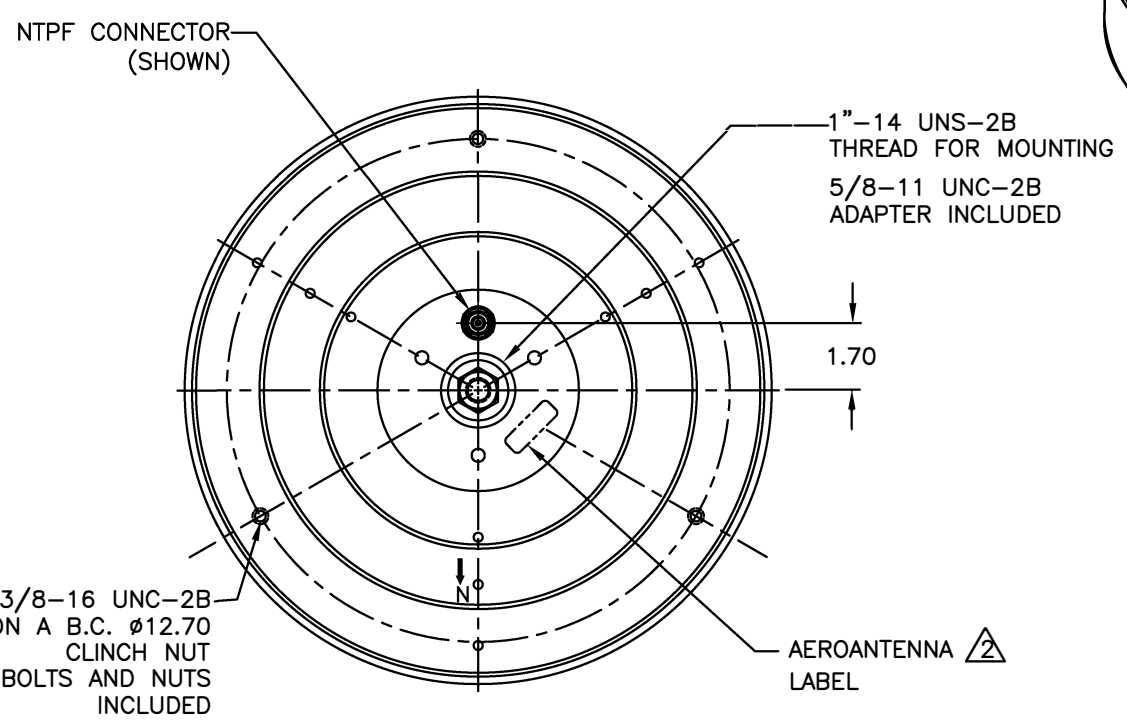
**PART NO. DESIGNATION:**

AT1675-120W-NTPF-000-RG-39-NM-R

COLOR: W = WHITE  
CONNECTOR: NTPF = N TYPE FEMALE, TNCF = TNC FEMALE  
CABLE LENGTH: 000 = IN INCHES

RoHS COMPLIANT: R = RoHS COMPLIANT  
MAGNET: NM = NO MAGNET  
GAIN (± 2 dB): 00 = PASSIVE, 39 = 39 dB (65 mA)  
VOLTAGE: RG = 4.2 TO 15.0 VDC

STANDARD MODEL= AT1675-120W-NTPF-000-RG-39-NM-R



3X 3/8-16 UNC-2B ON A B.C. Ø12.70 CLINCH NUT WASHERS BOLTS AND NUTS INCLUDED

AEROANTENNA LABEL

www.hypertech.co.il ▪ sales@hypertech.co.il 03-9243358 פקס ▪ 03-9243352 :טל ▪ רח' אודם 14, ת.ד. 7042 פ"ת



DO NOT SCALE THIS DRAWING	DRAWN	S. VALDES	01/26/09
REMOVE BURRS AND BREAK SHARP EDGES:	CHECKED		
PART TO BE CLEAN AND OIL FREE	ENGR	E. NABOYSHCHIKOV	04/27/09
ALL DIMENSIONS ARE IN INCHES DIMENSIONING & TOLERANCING PER ASME Y14.5M-1994	MFG	DANNY LEVY	05/05/09
TOLERANCES:	Q.A.		
.XX = ±.04 FRACT = ±1/32	B. RUBENI		05/05/09
.XXX = ±.005 ANG. = ±1/2°	APPROVED		
✓ SURFACE ROUGHNESS MACHINED PARTS V63 MOLDED PARTS V32	YOU SI Z.		05/05/09
HOLE DIA. TOLERANCE	DRAWN IN	CAD	
.0135 - .125 +.004/-0.001			
.126 - .250 +.005/-0.001			
.251 - .500 +.008/-0.001			
.501 - .750 +.008/-0.001			

**AeroAntenna Technology Inc**  
AS9100 CERTIFIED CO.

TITLE: GNSS CHOKE RING ANTENNA

SIZE: B CAGE CODE: OUVG2 DRAWING NO.: AT1675-120 REV: D

SCALE: NONE I:\CAD\AT1675\120\AT1675-120\_D SHEET 1 OF 1

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