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REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED
2	ENGINEERING RELEASE	02/21/11	

NOTES: UNLESS OTHERWISE SPECIFIED.

1. LOGO OPTIONAL.
2. LABEL SIZE, SHAPE, AND CONTENTS SUBJECT TO CHANGE WITHOUT NOTICE.
3. SEE SHIPPING PROCESS AND PARTS LIST FOR ASSEMBLY INSTRUCTION.
4. BAG AND PACK SPIKE SEPARATELY FOR SHIPPING.
5. TOLERANCES: .XX = .03
.XXX = .010

SPECIFICATION:

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

POLARIZATION: RIGHT HAND CIRCULAR

AXIAL RATIO: 3 dB MAX @ BORESIGHT

RADIATION COVERAGE: 6.0 dBic $\theta = 0^\circ$
-2.0 dBic $0^\circ < \theta < 75^\circ$
-3.0 dBic $75^\circ \leq \theta < 80^\circ$
-4.0 dBic $80^\circ \leq \theta < 85^\circ$
-5.0 dBic HORIZON

AMPLIFIER:

NOISE FIGURE: 2.6 dB MAX

IMPEDANCE: 50 OHMS

VSWR: $\leq 2.0:1$

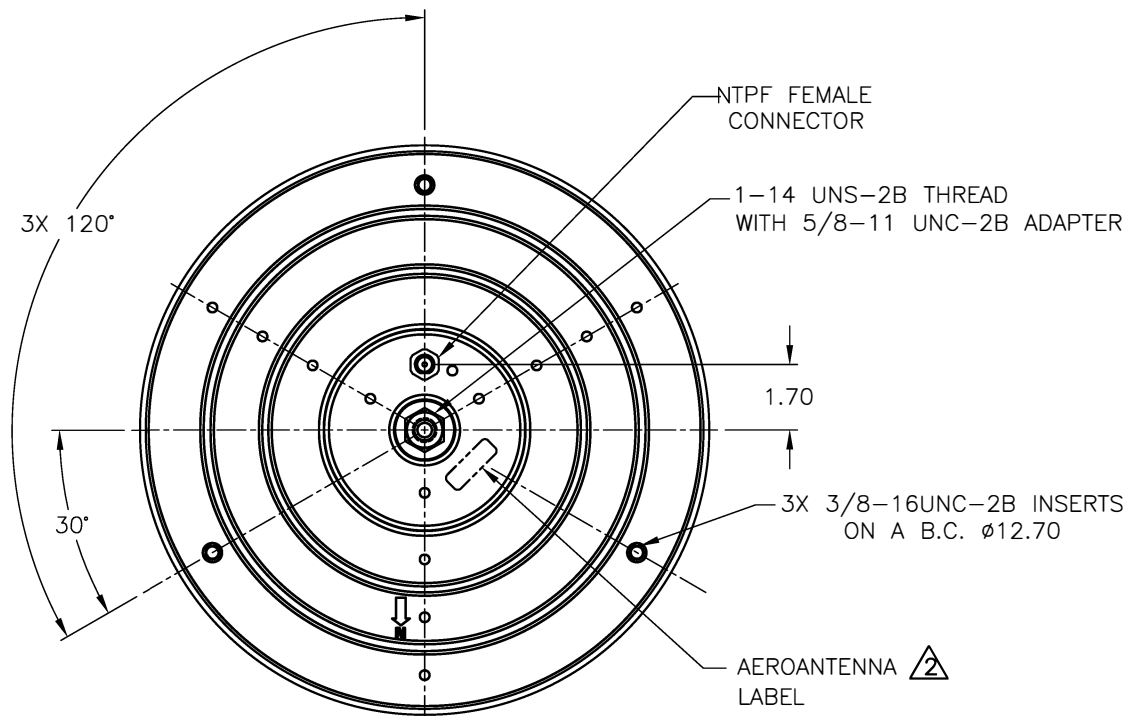
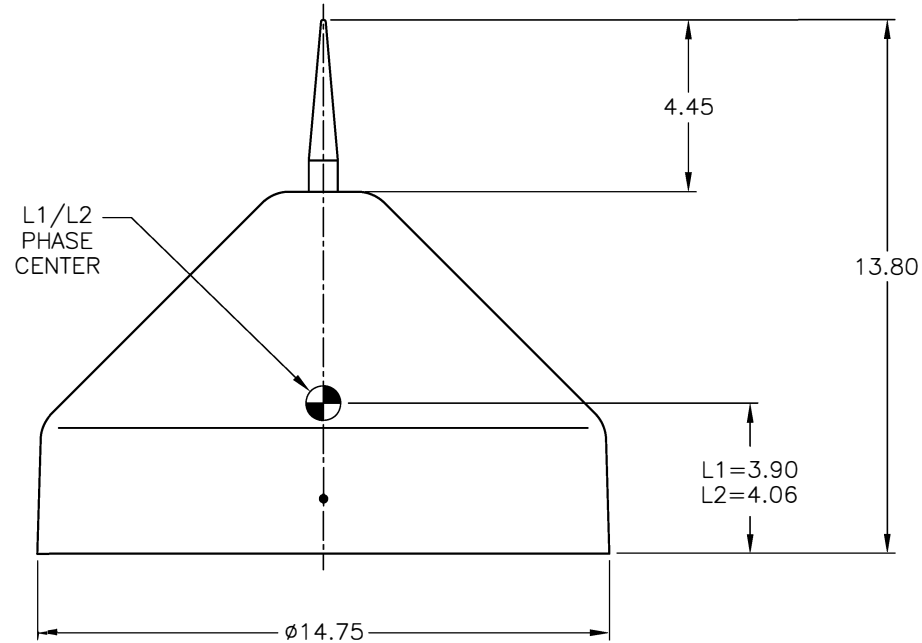
POWER HANDLING: 1 WATT

FINISH: UV RESISTANT POLYURETHANE ENAMEL, WHITE

WEIGHT: 10.5 Lbs

OPERATING TEMP: -55°C TO +85°C

DESIGNED TO: DO-160D
ENV CAT: E1-ABB[CLMY]XSFDFSZAAACPH[A3][2A]CA



PART NO. DESIGNATION:

AT1675-200W-NTPF-000-RG-39-NM-R

COLOR
W = WHITE

CONNECTOR
NTPF = N TYPE FEMALE

CABLE LENGTH
* 000 = IN INCHES

RoHS COMPLIANT
R = RoHS COMPLIANT

MAGNET
NM = NO MAGNET

GAIN (± 2 dB)
00 = PASSIVE
39 = 39B (65 mA)

VOLTAGE
RG = 4.2 TO 15.0 VDC



* = OPTION NOT AVAILABLE WITH THIS MODEL
STANDARD MODEL= AT1675-200W-NTPF-000-RG-39-NM-R

DO NOT SCALE THIS DRAWING REMOVE BURRS AND BREAK SHARP EDGES: PART TO BE CLEAN AND OIL FREE ALL DIMENSIONS ARE IN INCHES DIMENSIONING & TOLERANCING PER ASME Y14.5M-1994 TOLERANCES: XX $\pm .04$ FRACT = $\pm 1/32$ XXX $\pm .005$ ANG. = $\pm 1/2^\circ$	DRAWN N. ISTRATE 02/21/11	 AS9100 CERTIFIED CO.
<input checked="" type="checkbox"/> SURFACE ROUGHNESS MACHINED PARTS V63 MOLDED PARTS V32	CHECKED	
HOLE DIA. TOLERANCE	ENGR N. ISTRATE 02/21/11	TITLE GNSS CHOKE RING ANTENNA
.0135 - .125 +.004 -.001	MFG	SIZE B CAGE CODE OUVG2 DRAWING NO. AT1675-200 REV 2
.126 - .250 +.005 -.001	Q.A.	SCALE NONE I:\CAD\AT1675\200\AT1675-200_2 SHEET 1 OF 1
.251 - .500 +.008 -.001	APPROVED	
.501 - .750 +.008 -.001	DRAWN IN CAD	

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