

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED
A	PRODUCTION RELEASE PER ECO 9070	01/28/10	

NOTES: UNLESS OTHERWISE SPECIFIED.

1. LABEL SIZE, SHAPE, CONTENTS AND LOCATION SUBJECT TO CHANGE WITHOUT NOTICE.
2. TOLERANCES: .XX ± .03
.XXX ± .010

SPECIFICATION:

FREQUENCY: 1525-1585 MHz, L-Band, (Omnistar), GPS L1
1217-1237 MHz, GPS L2

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

POWER HANDLING: 1 WATT
FINISH: UV RESISTANT WHITE RADOME WITH BLACK ALUMINIUM BASE
WEIGHT: 1.1 Lbs
OPERATING TEMP: -55°C TO +85°C
DESIGNED TO: DO-160D
ENV CAT: E1-ABB[CLMY]XSFDFSZAAACPH[A3][2A]CA

PART NO. DESIGNATION:

AT2775-382W-TNCF-000-RG-39-NM

COLOR
W = WHITE

CONNECTOR
TNCF = TNC FEMALE

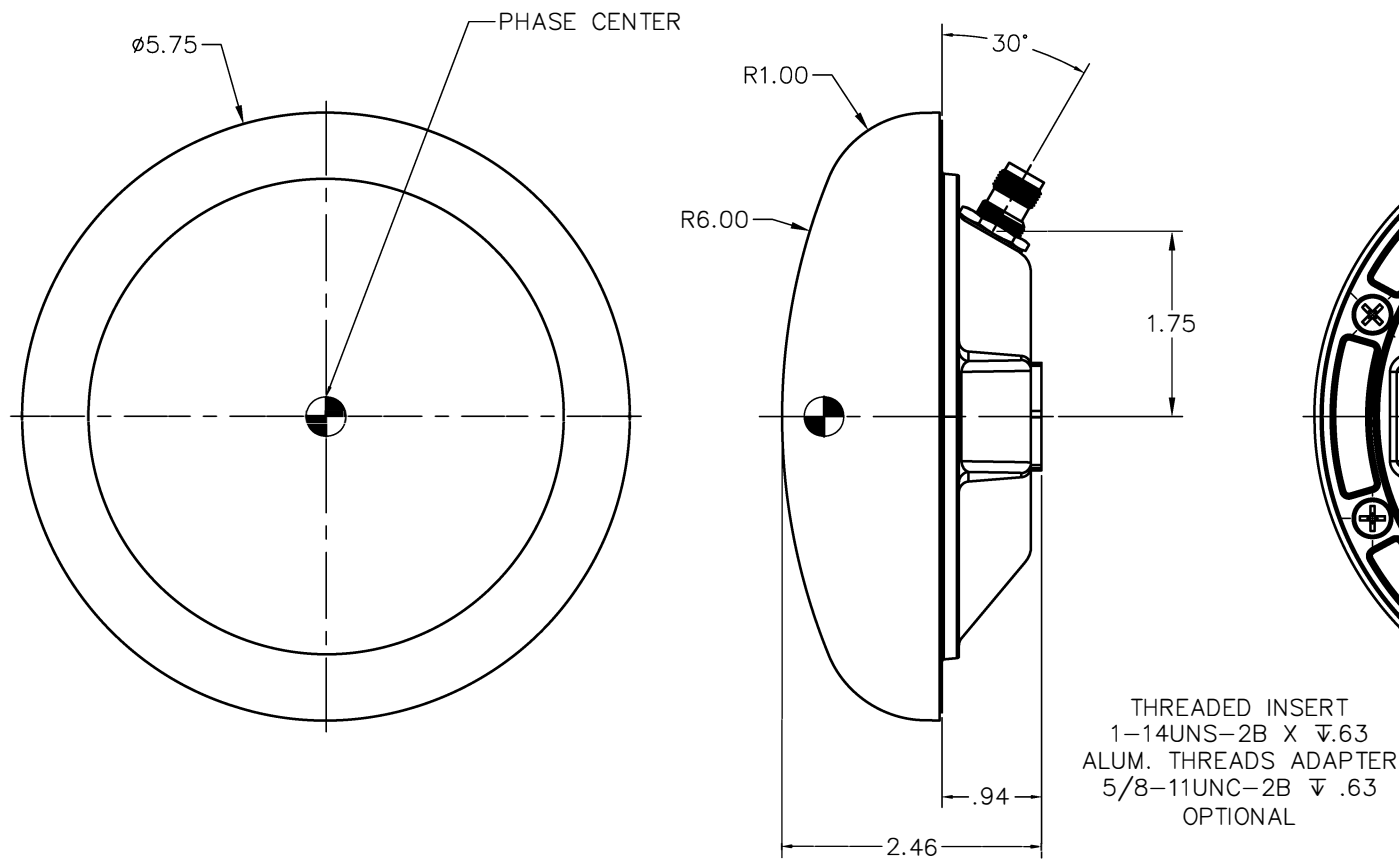
CABLE LENGTH
* 000 = IN INCHES

MAGNET
NM=NO MAGNET

GAIN (± 2 dB)
39 = 39 dB (65 mA)
26 = 26 dB (40 mA)

VOLTAGE
RG = 4.2 TO 15.0 VDC

* = OPTION NOT AVAILABLE WITH THIS MODEL
STANDARD MODEL= AT2775-382W-TNCF-000-RG-39-NM



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



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 = ±.01 FRACT = ±1/32 -XXX = ±.005 ANG. = ±1/2°	DRAWN V. GRINEVICH 01/28/10
✓ SURFACE ROUGHNESS MACHINED PARTS V63 MOLDED PARTS V32	CHECKED
HOLE DIA. TOLERANCE	ENGR
.0135 - .125 +.004 -.001	MFG
.126 - .250 +.005 -.001	Q.A.
.251 - .500 +.008 -.001	APPROVED
.501 - .750 +.008 -.001	DRAWN IN CAD

AeroAntenna Technology Inc
AS9100 CERTIFIED CO.

TITLE
GPS ANTENNA L-BAND, L1, L2

SIZE B	CAGE CODE OUVG2	DRAWING NO. AT2775-382	REV A
-----------	--------------------	---------------------------	----------

SCALE NONE | I:\CAD\AT2775\382\AT2775-382_A | SHEET 1 OF 1

PROPRIETARY NOTE: This document contains information of AeroAntenna Technology Inc. (AAT). Neither the document nor said proprietary information shall be published, reproduced, copied, disclosed or used for any other purpose other than consideration of document without the express written permission of a duly authorized representative of said AeroAntenna Technology Inc.