

8 7 6 5 4 3 2 1

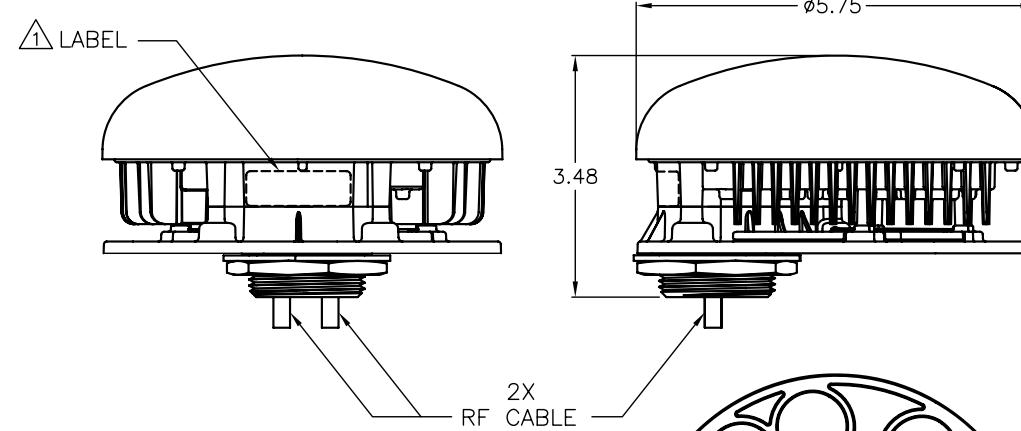
NOTES: UNLESS OTHERWISE SPECIFIED.

1. LABEL LOCATED APPROXIMATELY WHERE SHOWN.
 2. TOLERANCE: $.XX = \pm .03$
 $.XXX = \pm .010$

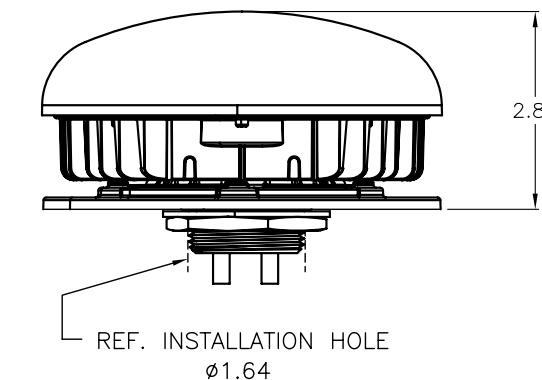
REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED
2	ENGINEERING RELEASE	09/23/10	

AT1595-83-R

D



FIXED MOUNT ANTENNA



SPECIFICATION:

FREQUENCY:

1518.0 to 1525.0 MHz Inmarsat Receive (extended)
 1525.0 to 1559.0 MHz Inmarsat Receive (operational)
 1575.42 ± 10.25 MHz (GPS L1)
 1626.5 to 1660.5 MHz Inmarsat Transmit (operational)
 1668.0 to 1675.0 MHz Inmarsat Transmit (extended)

POLARIZATION: RIGHT HAND CIRCULAR

LIGHTNING PROTECTION: DC GROUNDED

IMPEDANCE: 50Ω CONNECTOR(S): INMARSAT RX/TX = SMAF
GPS = SMAF

WEIGHT: 1.91 LBS MAX.

OPERATING TEMP: -25°C to $+55^\circ\text{C}$

DESIGNED TO: INMARSAT RFI 1401

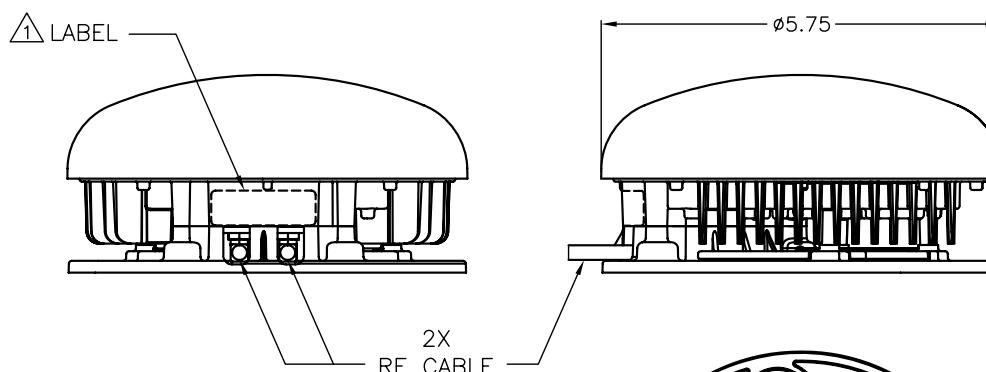
FCC ID: YP9AT1595

IC: 9218A-AT1595

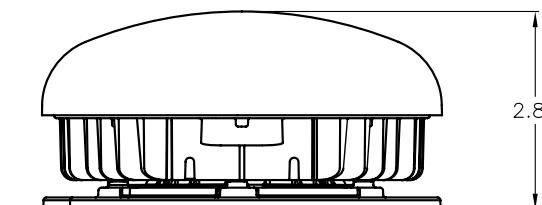
CANADA: 310

CE

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES.
 OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:
 (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND
 (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED,
 INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRED OPERATION.



MAGNET MOUNT ANTENNA



8X MOUNTING MAGNET

	DO NOT SCALE THIS DRAWING REMOVE BURRS AND BREAK SHARP EDGES: PART TO BE CLEAN AND OIL FREE	DRAWN A. GUTIERREZ 09/23/10
	ALL DIMENSIONS ARE IN INCHES DIMENSIONING & TOLERANCING PER ASME Y14.5M-1994	CHECKED I. SIROTIN 09/23/10
	TOLERANCES: $.XX = \pm .01$ FRACT $= \pm 1/32$ $.XXX = \pm .005$ ANG $= \pm 1/2^\circ$	ENGR E. NABOYSHCHIKOV 09/23/10
	✓ SURFACE ROUGHNESS MACHINED PARTS V63 MOLDED PARTS V32	MFG
	HOLE DIA. TOLERANCE .0135 - .125 $^{+.004}_{-.001}$.126 - .250 $^{+.005}_{-.001}$.251 - .500 $^{+.006}_{-.001}$.501 - .750 $^{+.008}_{-.001}$	Q.A.
	APPROVED	
NEXT ASSY	DRAWN IN CAD	SCALE NONE I:\CAD\AT1595\83\AT1595-83-R_2
		SIZE B CAGE CODE OUVG2 DRAWING NO. AT1595-83-R REV 2
		SHEET 1 OF 1

