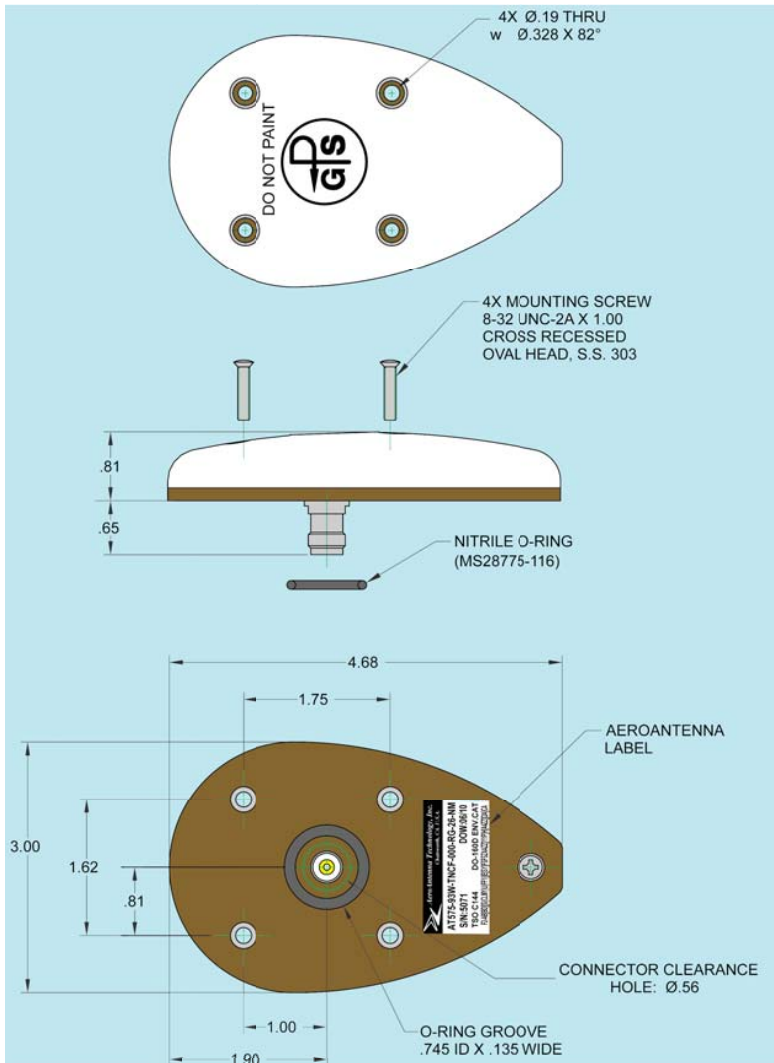


GPS (L1) Antenna

Model: AT575-93



FREQUENCY:	1575 ±10 MHz
POLARIZATION:	RIGHT HAND CIRCULAR
AXIAL RATIO:	3 dB MAX AT BORE SIGHT
RADIATION COVERAGE:	ELEVATION ANGLE MINIMUM GAIN
	> 15° -2.0 dBic
	10° -3.0 dBic
	5° -3.5 dBic
	0° -7.5 dBic
AMPLIFIER:	
GAIN:	27±2 dB OVER TEMPERATURE
NOISE FIGURE:	1.9 dB MAX. @ 25°C, 2.5 dB MAX.
IMPEDANCE:	50 Ω
VSWR (DRY):	≤1.5:1
VSWR (RAIN):	≤2.0:1
POWER HANDLING:	1 WATT
VOLTAGE:	5-18 VDC
CURRENT:	40 mA NOMINAL, 60 mA MAX @ 4.7 VDC
FINISH:	ENGINEERING THERMOPLASTIC
CONNECTOR:	TNCF
WEIGHT:	7.5 OZ
ALTITUDE:	55,000'
OPERATING TEMP:	-55°C TO +85°C
DESIGNED TO:	D0-160D, ENV CAT: F2-AB[BD][S(CLMY)U(FF1)]E[SY]FSFSZAAZZ[YYP]H[A4ZZ][2A]CA
TSO:	C-144

PART NO. DESIGNATION:
AT575-93XXX-XXXX-XXX-XX-XX-XX

CUSTOMER ID (IF APPLICABLE)	MAGNET NM= NO MAGNET
COLOR	GAIN (±2 dB) 27 = 27 dB
W = WHITE	VOLTAGE RG = 5-18 VDC
S = SMOKE GRAY	
B = BLACK	
CONNECTOR	
TNCF = TNC FEMALE	
SMAF = SMA FEMALE	
CABLE LENGTH	
* 000 = IN INCHES	

* = OPTION NOT AVAILABLE WITH THIS MODEL

STANDARD MODEL= AT575-93W-TNCF-000-RG-27-NM

 **AeroAntenna Technology Inc.**

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היפר-טק
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