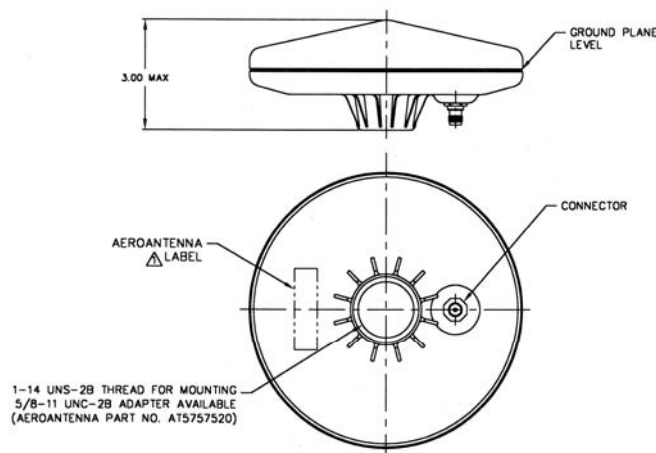


## L1 GPS + Beacon Antenna AT3075-0



All measures in inch; 1 inch = 2,54 cm



**The GPS+Beacon antenna AT3075-0** from AeroAntenna is a high-quality single frequency GPS + Beacon antenna. The AT3075-0 is ideal for demanding DGPS applications.

### Options:

- Amplification (gain): 00 (passive), 12 dB (20 mA), 26 dB (35 mA), 36 dB (50 mA), other on request
- Input voltage RG: 5 - 18 VDC
- HF-connector: TNC female, BNC female, N-Type female, A other on request
- 5/8" Internal thread for mounting

### Applications:

- Marine and land navigation
- Hydrographic surveys
- Land survey
- Machinery control
- GIS data collection

## Specifications

<b>Frequency</b>	1575 ± 10 MHz (L1) & Beacon-DGPS	<b>Amplifier</b>		<b>Finish</b>	weatherable Polymer
<b>Polarization</b>	right hand circular	Noise figure	max. 2,5 dB	<b>Dimensions</b>	Ø 177,6 mm x 78,7 mm
<b>Axial Ratio</b>	max. 3 dB	Impedance	50Ω	<b>Weight</b>	max. 625 g
<b>Radiation Coverage</b>		VSWR	< 2.0 : 1	<b>Operating Temperature</b>	- 40°C to + 70°C
	4,0 dBic      0° = 0°	Band rejection	35 dB @ 1625 MHz	<b>Designed to</b>	DO-160C
	- 1,0 dBic    0° < θ < 75°	Power handling	1 Watt		
	- 2,5 dBic    75° ≤ θ < 80°				
	- 4,5 dBic    80° ≤ θ < 85°				
	- 7,5 dBic    85° ≤ θ = 90°				