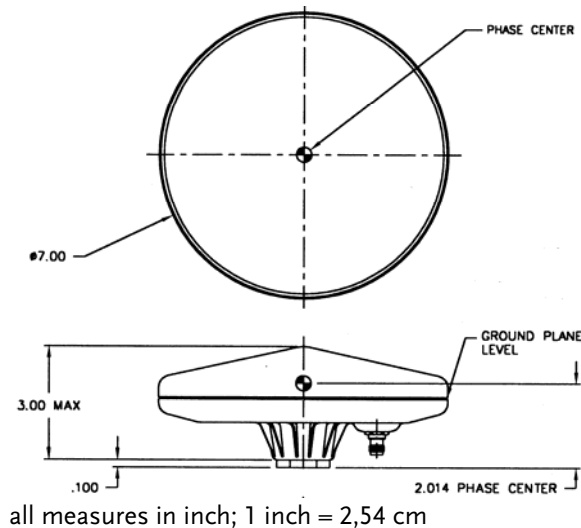


L1 GPS Antenna AT575-75



The GPS antenna AT575-75 from AeroAntenna Technology, Inc. is a high-precision single frequency GPS antenna with integrated ground plane. The AT575-75 is the ideal antenna for demanding GPS navigation and survey applications.

Options:

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

Applications:

- Marine and land navigation
- Hydrographic surveys
- Land survey
- Machinery control
- GPS deformation monitoring

Specification

Frequency	1575 ± 5 MHz	Amplifier		Finish	weatherable Polymer	
Polarization	right hand circular	Noise figure	max. 2,5 dB	Measures	Ø 177,6 mm x 76,1 mm	
Axial Ratio	max. 3 dB	Impedance	50Ω	Weight	max. 370 g	
Radiation Coverage	4,0 dBic	0° = 0°	VSWR	< 2.0 : 1	Operating Temperature	- 40°C to + 70°C
	- 1,0 dBic	0° < Θ < 75°				
	- 2,5 dBic	75° ≤ Θ < 80°	Band rejection	35 dB @ 1625 MHz	Designed to	DO-160C
	- 4,5 dBic	80° ≤ Θ < 85°				
	- 7,5 dBic	85° ≤ Θ = 90°	Power handling	1 Watt		