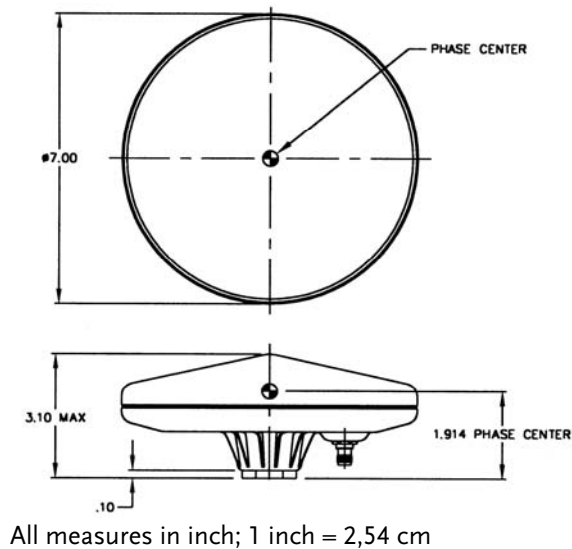


L1 GPS + GLONASS Antenna AT1675-1



The **AT1675-1** from AeroAntenna Technology, Inc. is a high-precision single frequency GPS + GLONASS antenna with integrated groundplane.

The AT1675-1 is the ideal antenna for demanding GPS/GLONASS 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: RG= 4,5 - 18 VDC
- HF-connector: TNC 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

Specifications

Frequency	1575 ± 10 MHz (L1) + GLONASS	Amplifier		Finish	weatherable Polymer			
Polarization	right hand circular	Noise figure	max. 2,5 dB	Dimensions	Ø 177,6 mm x 78,7 mm			
Axial Ratio	max. 3 dB	Impedance	50Ω	Weight	max. 425 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°			Band rejection	20 dB @ 250 MHz	Designed to	DO-160C
	- 2,5 dBic	75° ≤ Θ < 80°	Power handling	1 Watt				
	- 4,5 dBic	80° ≤ Θ < 85°						
	- 7,5 dBic	85° ≤ Θ = 90°						