

GPS/DGPS Non-Magnetic Survey Antenna



FEATURES

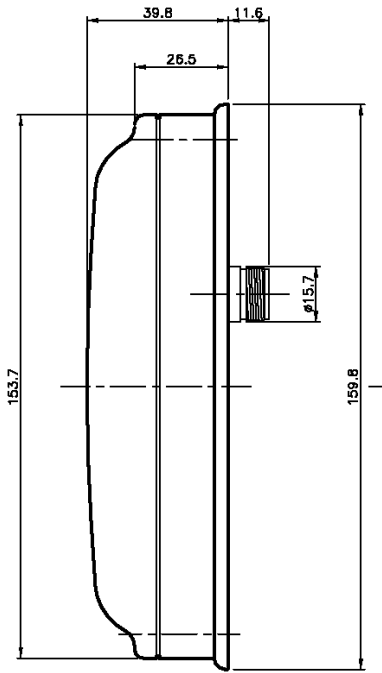
- **Wide Frequency Band 1530-1580 MHz**
- **Active Antenna - LNA 50dB Gain Typical**
- **NON-Magnetic construction**
- **Low profile, Modular Design Easy to Install**

The A-GPSA95NS Wideband Active GPS/DGPS Non-Magnetic antennas was specifically designed as a quality broadband receive antenna suitable for survey quality GPS/DGPS applications.

Antenna & Low Noise Amplifier (LNA) Specifications

Model Number	A-GPSA92NS1	A-GPSA95NSX
	1 Mtr Cable Tail	Pole Mount Version
Frequency Range	1530-1580 MHz	
Polarisation	RHCP (Right Hand Circularly Polarised)	
Circularity/Axial Variation	< 2dB	
VSWR	< 1.6 : 1	
Impedance	50 Ohms	
Gain	5dBi typical, 3dB Boresight 0dB above 10 Degrees	
Pattern Coverage	Hemispherical	
Temperature Range	-25 to + 80 Degrees C	
Voltage	4.5 to +15 Volts DC	
Current Draw	< 100mA	
Low Noise Amplifier Gain	50dB Typical	
Noise Figure (NF)	<1dB Typical	
L1 1575 MHz		
Phase Pattern Variation	<5.0mm over 10 Deg Elevation to 90 Deg Elevation	
Housing (Radome)	White, UV Stable High Impact Plastic	
Size	146 x 146 x 57mm max + Connectors	
Weight	250g	

Mechanical Outline for A-GPSA92NS Series



POLE MOUNT FITTING
BASE VIEW



Unique mounting system
1/2" Survey Thread
(Pole not included)

