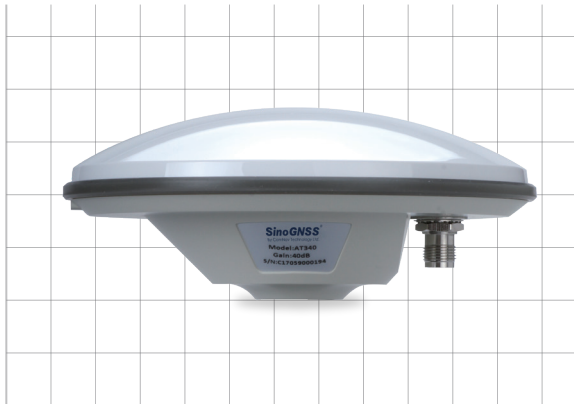


62.2 mm



152 mm

Dimension: $\Phi 152 \times 62.2 \text{mm}$ **Weight:** 374g

Features

Support GPS L1/L2/L5, GLONASS G1/G2 and BeiDou B1/B2/B3 Galileo E1/E5a/E5b/AltBoc, L-Band and SBAS

Multi-feed design provides stable phase center and multipath rejection capability

Its high gain and wide beam width provide good signal tracking performance when satellites are at low elevation angle

Water-proof and dust-proof design ensures absolute seal of kernel parts, capable for work in harsh environment

Lightning proof circuit inside protects the LNA from surge immunity

AT340 Geodetic Antenna

The AT340 is a super performance GNSS Antenna that can track GPS, GLONASS, BeiDou, Galileo, L-Band and SBAS. Its high gain and wide beam provide good signal tracking performance even satellites at low elevation angle. It is a good choice for customers to develop systems or solutions for land survey, agriculture, construction and deformation monitoring.

Antenna

GPS	L1, L2, L5
GLONASS	G1, G2
Beidou	B1, B2, B3
Galileo	E1, E5a, E5b, AltBoc
L-Band, SBAS	
Nominal Impedance	50 Ω
Polarization	RHCP
Axial Ratio (90°)	$\leq 3 \text{dB}$

LNA

LNA Gain	40dB
Noise Figure	$\leq 2 \text{dB}$
VSWR Output	≤ 2.0
Operation Voltage	3 - 18VDC
Operation Current	$\leq 45 \text{mA}$
Group Delay	$< 5 \text{ns}$
Passband Ripple	$\pm 1 \text{dB}$
Gain at Zenith	+ 5.5dBi
Phase Center Offset	$\pm 2 \text{mm}$

Physical

Dimension	$\Phi 152 \times 62.2 \text{mm}$
Connector	TNC Female connector
Weight	374g

Environmental

Operating Temperature	-40 C to +85 C
Storage Temperature	-55 C to +85 C
Humidity	95% No-condensing
Water and Dust Proof	IP67
Drop	Survive from a 1.5m drop
Calibration	IGS, NGS