

67.7 mm



147 mm

**Dimension:**  $\Phi 147 \times 67.7$  mm**Weight:**  $\leq 500$  g

## Features

Support GPS, GIONASS, BDS, Galileo, QZSS, IRNSS, SBAS and L-Band

Low noise amplifier and high gain

Millimeter level phase center error with outstanding stability and repeatability

Strong capability of tracking satellites at low elevation angle

Superior waterproof and dustproof design

# AT360 Geodetic Antenna

The AT360 is a super performance GNSS Antenna that can track GPS, GLONASS, BDS, Galileo, QZSS, IRNSS, L-Band and SBAS. Featuring with high gain, low noise amplifier, high sensitivity and strong tracking capability, AT360 is a good choice for users to develop systems or solutions for land survey, agriculture, construction and deformation monitoring.

### Antenna

GPS	L1, L2, L5
GLONASS	G1, G2, G3
Beidou	B1I, B2I, B3I, B1C, B2a, B2b
Galileo	E1, E5a, E5b, E6c
QZSS	L1, L2, L5, L6
IRNSS	L5
SBAS	L1, L5
L-band	
Nominal Impedance	50 $\Omega$
Polarization	RHCP
Axial Ratio (90°)	$\leq 3$ dB

### LNA

LNA Gain	40dB $\pm$ 2dB
Noise Figure	$\leq 2$ dB
VSWR Output	$\leq 2.0$
Operation Voltage	3.3 - 15 VDC
Operation Current	$\leq 45$ mA
Passband Ripple	$\pm 2$ dB
Gain at Zenith	5.5dBi
Phase Center Offset	$\pm 2$ mm

### Physical

Dimension	$\Phi 147 \times 67.7$ mm
Connector	TNC Female connector
Weight	$\leq 500$ g

### Environmental

Operating Temperature	-40 C to +85 C
Storage Temperature	-55 C to +85 C
Humidity	95% No-condensing
Waterproof and Dustproof	IP67