

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              |

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