

GPS/GLONASS ANTENNA

- ☐ **GNSS active Antenna**
- ☐ **GPS/Glonass**
- ☐ **32 dB Gain**
- ☐ **3 – 5 V**
- ☐ **Wide temperature range**

ADA-DS56 is a GPS/ GLONASS combined antenna. It's an active antenna design to operate at the frequency of

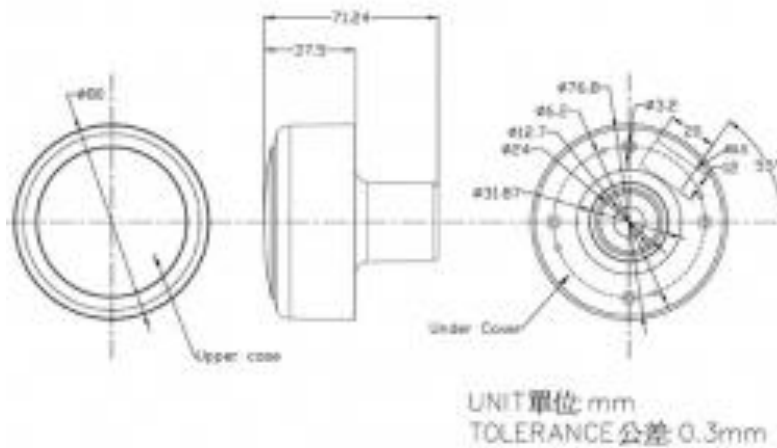
- GPS L1 1575.42MHz.
- GLONASS L1 $1602 + (n \cdot 0,5625)$ MHz.

ADA-DS56 is optimized to receive right-hand-circularly-polarized signals and have LNA designed in. The antenna can be fixed by an optional mounting base.



Specification

| Category | Overall performance |
|-----------------------|--------------------------------|
| Frequency | 1572 - 1615 MHz (CF: 1590 MHz) |
| Polarization | R.H.C.P. |
| Peak Gain | 4 dBic min / 1575 MHz |
| | 4 dBic min / 1602 - 1615 MHz |
| Output Impedance | 50 Ω |
| Power Handling | 1 W |
| Amplifier Gain | Typ. 32 dB |
| Noise figure | 1.5 dB |
| VSWR | 2.0 Max |
| Supply Voltage | 3 – 5 VDC |
| Current consumption | 18 \pm 3 mA |
| Operating temperature | -40 — +85 ° C |
| Storage temperature | -50 — +95 ° C |



Ordering codes

| TYPE | Description | Comment |
|----------|---------------------|-------------------------|
| ADA-DS56 | GPS/GLONASS antenna | 1575 - 1615 MHz antenna |

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