



GPS/ GLONASS Antenna

Model: DS-56

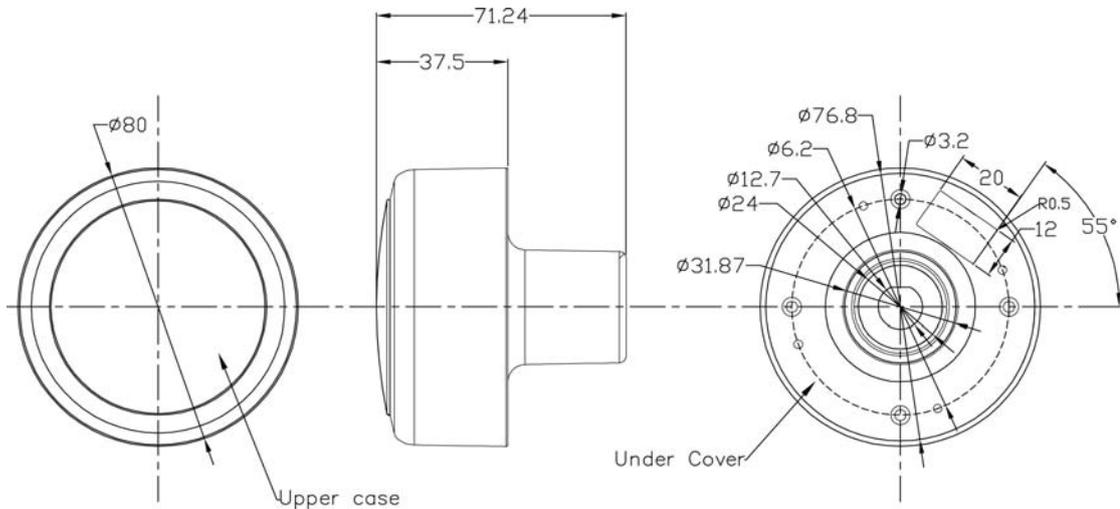


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Introduction:

The model DS-56 is a GPS/ GLONASS combined antenna. It's an active design to operate at the frequency of GPS L1 1575.42 MHz and GLONASS L1 1602 MHz. The antenna is optimized to receive right-hand-circularly-polarized signals and have LNA designed in.

The antenna can also be fixed by an optional mounting base.



UNIT單位: mm
TOLERANCE公差: 0.3mm

Specification:

| Antenna | |
|----------------------|---|
| Frequency: | 1575 MHz/ 1602 MHz (CF: 1590 MHz) |
| Bandwidth: | 50 MHz min @ -10 dB |
| Impedance: | 50 Ohm |
| Peak Gain: | 4 dBic min/ 1575 MHz |
| | 4 dBic min/ 1602 – 1616 MHz |
| Power Handling: | 1 W |
| Polarization: | RHCP |
| Amplifier | |
| Amplifier Gain: | 27 dB Typical |
| Noise Figure: | 1.5 dB |
| VSWR: | 2.0 Max |
| DC Voltage: | 3-5 Volt |
| DC Current: | 18+/- 3 mA |
| Environment | |
| Working Temperature: | -40°C ~ +85°C |
| Storage Temperature: | -50°C ~ +95°C |
| Mechanical | |
| Cable | RG-58(Length is suggested between 3~5M) |
| Connector | TNC(antenna) to BNC or others at the terminal |

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