



# 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.

### Specification:

<b>Antenna</b>	
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
<b>Amplifier</b>	
Amplifier Gain:	27 dB Typical
Noise Figure:	1.5 dB
VSWR:	2.0 Max
DC Voltage:	3-5 Volt
DC Current:	18+/- 3 mA
<b>Environment</b>	
Working Temperature:	-40°C ~+85°C
Storage Temperature:	-50°C ~+95°C

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