

GPS/GLONASS/GALILEO ANTENNA

- **GNSS active Antenna**
- **GPS, Glonass and Galileo**
- **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.
- GALILEO L1 1575.42MHz.

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 and GALILEO antenna	1575 - 1615 MHz antenna

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