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### 40 dB High Gain GPS Antenna

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- 40 dB Gain
- ESD Protection
- IPx7 class

#### Features:

- Low Noise Figure
- Ultra-high Sensitivity
- Excellent Temperature Stability

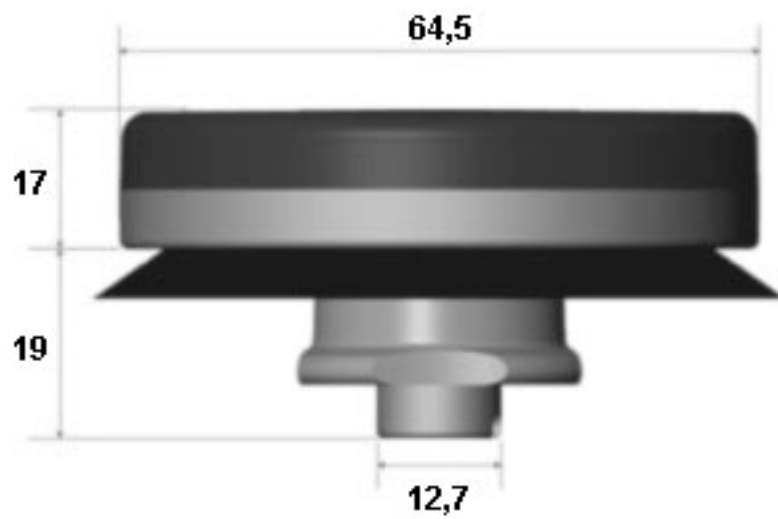


When the ADA-1570H is connected to a GPS receiver, it can provide excellent signal amplification and out of band filtering & rejection for that receiver

## Specification

| Category                 | GPS  |
|--------------------------|--|
| Frequency                | 1575.42 MHz                                  |
| Polarization             | R.H.C.P.                                     |
| Power Gain               | 40 +/- 2 dB (Cable loss)                     |
| Noise figure             | Typ. 1.5                                     |
| Attenuation              | Min. 20 dB @ $F_o \pm 50$ MHz                |
| Bandwidth                | 10 MHz                                       |
| Output Impedance         | 50 $\Omega$                                  |
| VSWR                     | < 2.0  |
| Supply Voltage / Current | 3.0 – 5.5 VDC / 10 mA @ 3V DC                |
| RF Cable                 | Standard 3 m RG174/U with standard connector |
| Size                     | 64,5 x 14 mm (D x H)                         |
| Mounting                 | Centre bolt or magnetic                      |
| Operating temperature    | -40 — +85 ° C                                |
| Storage temperature      | -45 — +100 ° C                               |
|                          |  |

## Mechanical Dimensions



## Ordering codes

ADA-1570H-X

X = C for Centre bolt mount  
S for Magnetic mount

The antennas are delivered with different antenna cable lengths and different connectors. Contact Adactus or our distributor for a quote for any particular specification.

For the latest updates, visit our Web site: [www.adactus.se](http://www.adactus.se)

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