
GPS High Gain Compact Puck Antenna

- **Ultra High Sensitivity**
- **High Gain GPS Antenna**
- **Low Power**
- **Outdoor use**
- **Magnetic mount**

ADA-76 with a rugged enclosure and efficient performance is compatible with almost every GPS receiver on the market.

ADA-76 provides an excellent alternative for a range of GPS applications including AVL, PDA, HPC, etc.

ADA-76 is fully weatherproof and has excellent temperature stability.



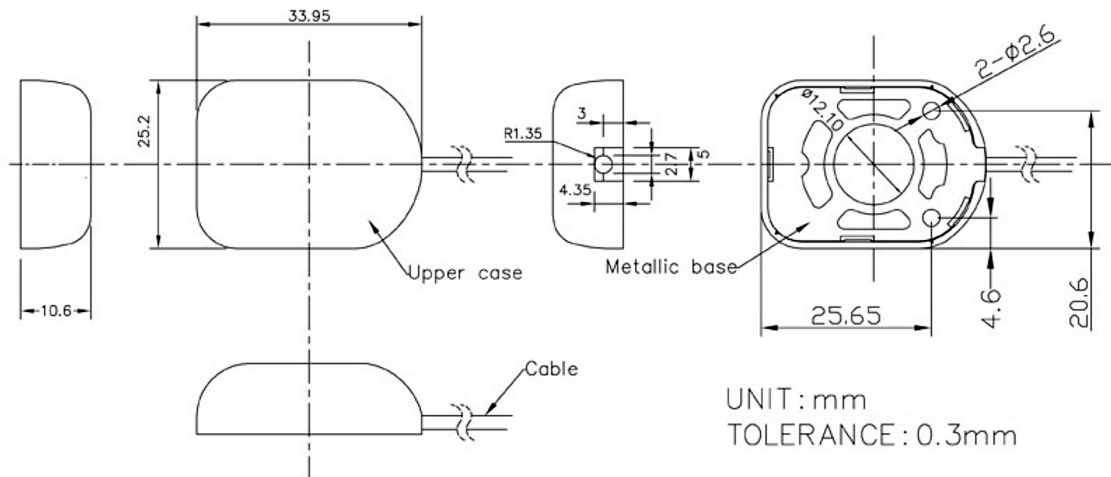
RoHS

Optimal position for automobile applications is on the roof top of the vehicles. If the GPS antenna unit is to be placed inside the car, be certain to avoid coverage by metal objects or behind heated windshield, for optimal performance.

Specification

Antenna	Specification
Frequency	1575.42 ± 1.023MHz
Antenna Dimension	18mm x 18mm x 8mm
Gain	+5.0 dBi typ, at Zenith
Polarazation	RHCP
Axel Ratio	3.0dB typ.
LNA	
Frequency Range	1575.42 ± 1.023MHz
Gain	28dB typ.
Noise Figure	1.5dB typ
Output Impedance	50Ω
Total Specification	
Frequency Range	1575.42 ± 1.023MHz
Gain	26dB typ.
Output Impedance	50Ω
VSWR	1.5 Max
RF Cable	RG174 , 3m
RF Connector	SMA (M)
Electrical Specification	
Operating Voltage	Min: 2.5 V Typ: 3.0 V Max:5.5 V
Current Consumption	Typ: 10 mA Max: 14mA
Environmental Cond.	
Operating Temperature	-30°C to + 80°C
Storage Temperture	-40°C to + 80°C
Relative Humidity	40% to 95%

Mechanical Specification	
RF Cable	Standard 3 m RG174/U with standard connector
RF Connector	SMA
Size	33.95 x 25.2 x 10.6mm
Weight	30g plus cable and connector
Mounting	Magnet mount. and or Screw mount
Cable Pulling Force	6Kg/5sec
Water proof	Fully Weatherproof



Ordering codes

TYPE	Description	Comment
ADA-76	GPS High Gain Compact Puck Antenna	Magnetic Mount Puck Antenna

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