



## GPS/GNSS Magnetic Mount Antenna SMA - 3m

GPS-14986

Normal GPS antennas are optimized for the US based GPS reception which is great but with more and more modules capable of tracking additional constellations (termed GNSS receivers) you're going to need the right antenna! This exceptional GPS/GNSS antenna is designed for both GPS and GLONASS reception. When used in conjunction with the SparkFun GPS ground plate this antenna achieved excellent TTFF and SIV statistics for both GPS and GLONASS constellations. The magnetic mount allows it to be easily mounted to a metal base such as a ground plate or car roof. The antenna is terminated with a 3m cable and standard SMA connector.

We recommend this antenna for RTK use when combined with the ground plate. If you need Beidou reception and additional gain consider the GPS/GNSS embedded antenna.

## FEATURES

- Dimensions: 50x38x17mm
- Weight: 75g including 3m cable
- Frequency Range: 1575 - 1610MHz
- GPS Center Frequency: 1575.42MHz
- GLONASS Center Frequency: 1602MHz
- LNA Voltage: 3 to 5VDC
- LNA Gain: 28dB
- LNA Current: 10mA
- Termination Connector: SMA
- Impedance: 50Ω
- Right hand polarization
- Cable Length: 3 meter

