



GPS/GNSS Embedded Antenna SMA - 1m

GPS-14987

This tri-band GNSS antenna is ideal for GPS L1, GLONASS L1, and Beidou B2 reception. At 45x45mm it is a *large* ceramic antenna with an incredible 38dB LNA gain.

This antenna works well with the GPS-RTK providing reception of Beidou satellites where other more basic GPS antennas cannot. We've chosen to have the antenna manufactured without an enclosure to decrease the weight (45g including cable) making this antenna more ideal for rover and quad-copter applications. Additionally, the cable length has been reduced to 1m to reduce weight and to make a more clean installation.

We recommend this antenna for RTK use when combined with the ground plate. This antenna is ideal for advanced raw, RTK, and post-processed measurements of GPS, GLONASS, and Beidou constellations. If all you need is GPS and GLONASS (basic GNSS) consider our lower cost magnetic mount GNSS antenna.

Antenna is terminated with a standard SMA connector. Check out the related items below for any conversion cables you may need

FEATURES

- Dimensions: 45x45x9mm
- Weight: 45g including 1m cable
- Frequency Range: 1558 - 1615MHz
- LNA Voltage: 3.3 to 15VDC
- Primary Antenna Gain: 4dB
- LNA Gain: 38dB
- LNA Current: $\leq 35\text{mA}$
- Termination Connector: SMA
- Impedance: 50Ω
- Right hand polarization
- Cable Length: 1 meter

