# **Helical Antenna Specification**

Product Name: Helical Antenna Product Model: VLG-GGB-R35Q2 Satelites Signal Tracking: GPS L1/L2 , BDS B1/B2/B3 , GLONASS L1/L2



#### **Product Description**

Spiral active antennas covering GPS L1/L2, BDS B1/B2/B3 and GLONASS L1/L2 are widely used in navigation scheduling, tracking monitoring, measurement and control or other fields.

Especially suitable for many applications such as UAV, aerial photography, traffic monitoring, remote sensing, etc., it can also be used in various handheld terminals, high-precision modules, etc.

#### **Technical Features**

1. Adopts a four-arm spiral structure to ensure small errors in the phase center and geometric center of the antenna, which can effectively reduce the measurement errors.

2. High gain, wide beam and good reception effect for low elevation signal.

3. Small size and power consumption, light weight and wide application, could effectively ensure the battery working time of devices.

## **Electrical Performance Indicators**

tenna
L1, L2
L1, L2
B1, B2, B3
≤ 2 : 1
50Ω
Right-hand circular polarization
$\leq$ 3dB
$\leq 2 dB$
360 ° omnidirectional
_NA
35dB ± 2dB
$\leq 2 \text{ dB}$
≤ 2 : 1
3 - 5 VDC
≤20mA
± 2dB
50Ω
ysical
27.5×57 mm
IA-J
5 g
onmental
℃ to +70℃
℃ to +70℃
% No-condensing

### **Structural Properties**

