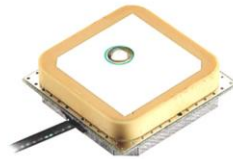
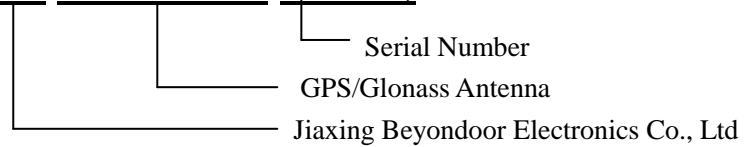




# GPS/Glonass Antenna Specification

( Model: BY-GPS/Glonass-02-new )



## ( I ) Product Overview

### ( i ) Dielectric Antenna

Center Frequency (MHz): 1575/1602

VSWR: 1.5:1

Bandwidth (MHz): ±5

Impedance (Ω): 50

Peak Gain >3dBi Based on 7cm×7cm ground plane

Gain Coverage >-4dBi at -90°<0 <+90°(over 75% Volume)

Polarization: RHCP

### ( ii ) LNA/Filter

LNA Gain (Without cable) : 28 dBi Typical

Noise Figure (dB): 2.0

Filter Out Band Attenuation (f0=1575.42 MHz) :40dB Min 1592+/-130MHz ;

VSWR <2.0

DC Voltage (V): 2.7 to 5.5v

DC Current (mA): 15Max

### ( iii ) Mechanical

Weight (gram): <60

Size (mm): 27×27 X 8.2

Cable Length (cm): 5-20

Connector: SMA/SMB/SMC/BNC/FME/TNC/MCX /MMCX etc.

JIAXING BEYONDOOR ELECTRONICS CO.,LTD

Address: #101, Weiyi West Road, Dongzha Economic Zone ,Jiaxing 314000,Zhejiang,China

http://www.beyondoor.com

Tel:+86-573-82127009

Fax:+86-573-82052070

E-MAIL: sales@beyondoor.com or

firstgps@hotmail.com

SKYPE NAME:beyondoorgps

(iv) **Environmental**

Working Temp: -40°C~+85°C

Storage Temp: -45°C~+100°C

Vibration: Sine sweep 1g(0-p)10~50~10Hz each axis