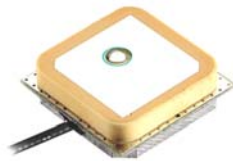
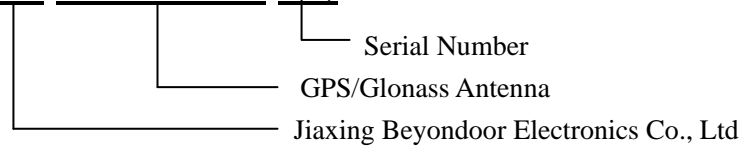




GPS/Glonass Antenna Specification

(Model: BY-GPS/Glonass-02)



(I) Product Overview

(i) Dielectric Antenna

Frequency (MHz) : 1575/1602

Center Frequency (MHz) : 1590

VSWR : 1.5:1

Bandwidth (MHz) : ± 5

Impedance (Ω) : 50

Peak Gain > 3dBi Based on 7cm \times 7cm ground plane

Gain Coverage > -4dBi at $-90^\circ < 0 < +90^\circ$ (over 75% Volume)

Polarization : RHCP

(ii) LNA/Filter

JIAXING BEYONDOOR ELECTRONICS CO.,LTD ↵

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

Tel: +86-573-82127009

Fax: +86-573-82052070 ↵

<http://www.by-antennas.com>

Skype Name: [beyondoorgps](https://www.skype.com/firstgps) ↵

E-mail: sales@beyondoors.com

or

firstgps@hotmail.com ↵



LNA Gain(Without cable) : 28 dBi Typical

Noise Figure (dB) : 1.5

Filter Out Band Attenuation (f0=1595 MHz)

7dB Min f0+/-20MHz ;

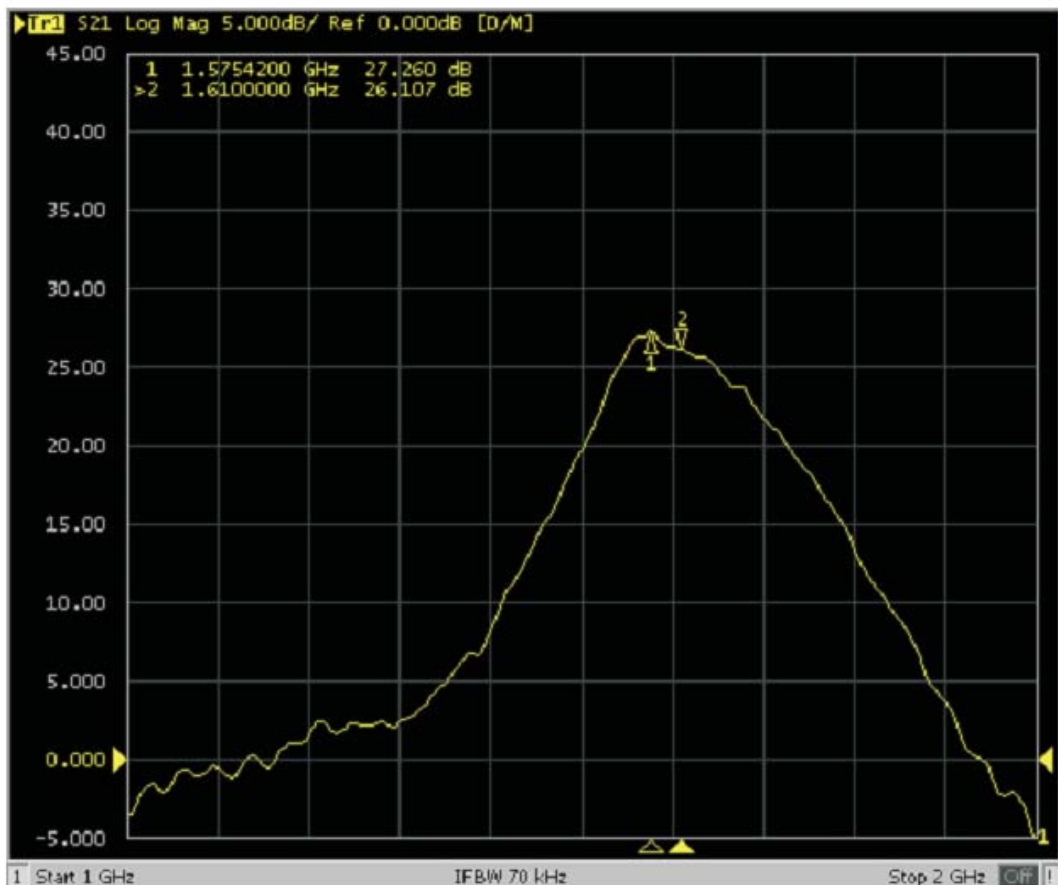
20dB Min f0+/-50MHz ;

30dB Min f0+/-100MHz

VSWR < 2.0

DC Voltage (V) : 2.7/3.0/3.3/5.0/ 3.0 to 5.0 etc.

DC Current (mA) : 11Max



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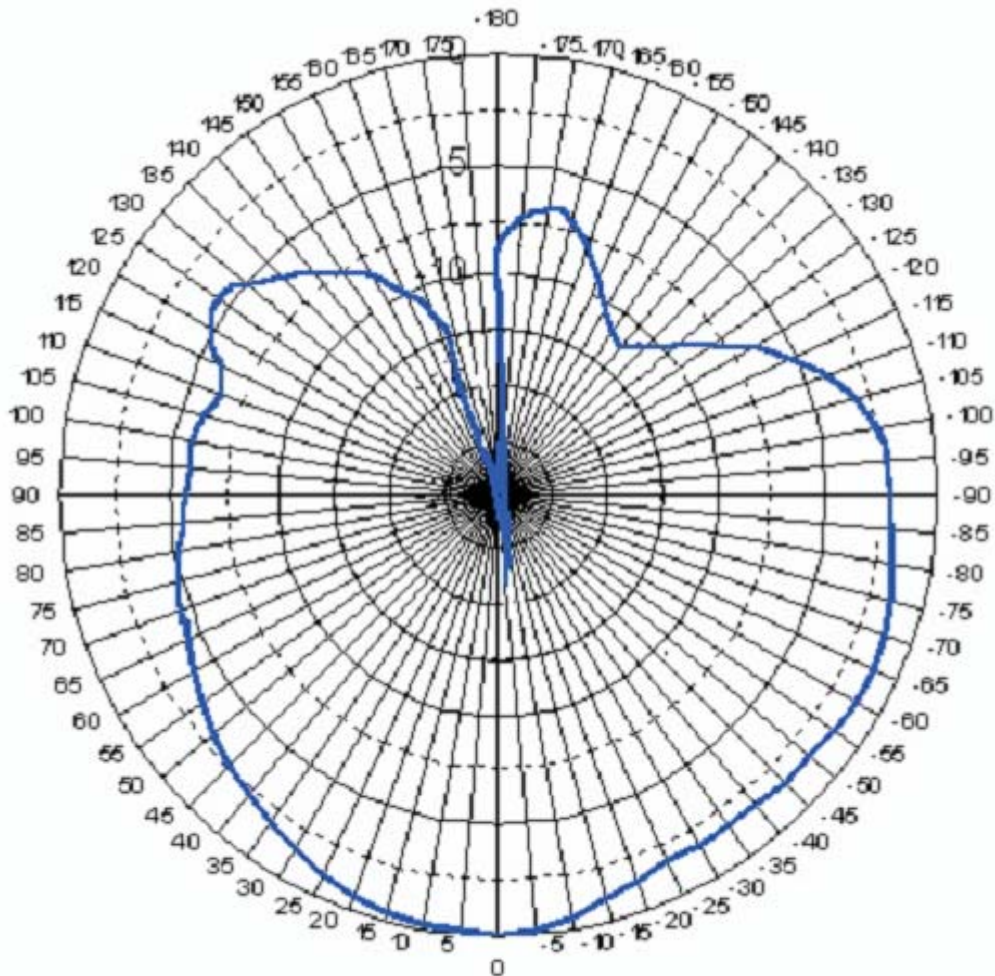
E-mail: sales@beyondoors.com

Fax: +86-573-82052070

Skype Name: [beyondoorgns](https://www.skype.com/name/beyondoorgns)

firstgps@hotmail.com

or



(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.

(iv) **Environmental**

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Skype Name: [beyondoorgps](https://www.skype.com/name/beyondoorgps)

firstgps@hotmail.com

Working Temp : -40°C~+85°C

Storage Temp : -45°C~+100°C

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

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