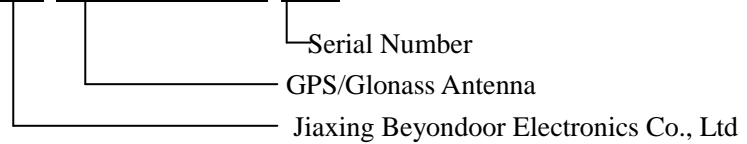




GPS/Glonass Antenna Specification

(Model: BY-GPS-Glonass-10)



(I) Product Overview

Dielectric Antenna

Center Frequency (MHz) : 1575/1602

VSWR : 1.5:1

Bandwidth (MHz) : ± 5

Impedance (Ω) : 50

Peak Gain > 3dBi Based on 7cmx7cm ground plane

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

Polarization : RHCP

(ii) LNA/Filter

LNA Gain (Without cable) : 28 dBi Typical

Noise Figure (dB) : 2.0

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JIAXING BEYONDOOR ELECTRONICS CO.,LTD

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Filter Out Band Attenuation ($f_0=1575.42$ MHz) :40dB Min 1592+/-130MHz ;

VSWR < 2.0

DC Voltage (V) : 2.7 to 5.5v

DC Current (mA) : 15Max

(iii) Mechanical

Weight (gram) < 110

Size (mm) : 42x36x13.5

Cable Length (m) : 2,3 etc.

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

Mounting : Magnetic/adhesive

Housing : Black

(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

Humidity : Humidity95%~100%RH

Weatherproof : 100%Waterproof

(II) Mechanical

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