

# **GN-13Z**

## **GPS+GLONASS Antenna**

### **Datasheet**

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Table of parameters:

### 1. Characteristics of Ceramic Antenna

Item	Specification
Range Of Receiving Frequency	GPS L1:1575.42MHz GLONASS L1:1602MHZ
Gain	<4.5dBi
Output VSWR	<1.5
Impedance	50Ω
Band Width	±10MHz
Polarization	RHCP
Axis ratio	<3dB
Horizontal coverage angle	360°
Frequency Temperature Coefficient	0±10

### 2. LNA Specification

Item	Specification
LNA Gain	33dB
Noise figure	<1.8dB(Only LNA)
Output VSWR	<1.5
Output impedance	50Ω
Passband Ripple	±1.0dB(Only LNA)
Supply Voltage	2.8V-5.0V
Supply Current	≤20mA

### 3. Work environment

Item	Specification
Operational Temperature	-40°C - +85°C

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Storage Temperature	-40°C - +85°C
Wet degree	40% - 95%

### 4. Structural characteristics

Item	Specification
Size	48*37*16mm
Weight	≤ 110g
Mounting	Magnetic Bottom
Connector	SMA-J
Cable	RG174 Cable
Length	3m

### 5. Structural diagram

