

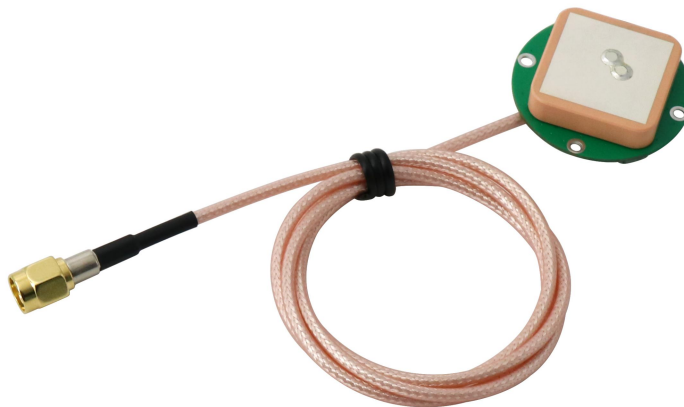
MT360BGPS

Antenna

Datasheet

Revision: 5.12

Date:2024.8



Parameter Table:

1、 Ceramic antenna characteristics

Item	Specification
Range Of Receiving Frequency	GPS L1:1575.42MHz GLONASS L1:1602MHZ BDS B1:1561MHZ GALILEO E1:1575.42MHz
Gain	2dBi
Output VSWR	<1.5
Impedance	50Ω
Polarization	RHCP
Axis ratio	<3dB
Horizontal coverage angle	360°

2、 LNA indicators

Item	Specification
Gain	26±2dB
Noise figure	<2dB (LNA)
Output VSWR	<1.5
Output impedance	50Ω
Passband Ripple	±2.0dB (仅 LNA)
Prime power	2.8V-5.0V
Operating current	≤20mA

3、 Working environment

Item	Specification
Operational Temperature	-40℃~+85℃

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

4、 Structural characteristics

Item	Specification
Size	Φ35*10.5mm
Weight	33g
connector	SMA-J
cable	RG316
Length	70cm

5、 Structural diagram(Undimensioned± 0.3mm)

