

GPS Active Antenna Specification

Antenna> Dielectric Antenna

Center Frequency 1575.42MHz±3 MHz

V.S.W.R 1.5:1

Band Width ±5 MHz

Impedence 50 ohm

Peak Gain ＞3dBic Based on 5×5cm ground plane

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

Polarization RHCP

Size 25x25x4mm

LNA/Filter

LNA Gain(Without cable) 28dB Typical

Noise Figure 1.5dB

Filter Out Band Attenuation (f0=1575.42 MHZ)

7dB Ｍin f0+/-20MHZ ;

20dB Ｍin f0+/-50MHZ;

30dB Ｍin f0+/-100MHZ

V.S.W.R ＜2.0

DC Voltage 2.7-5V DC

DC current 15mA Max.

Mechanical

Weight ＜100(克)gram

Size 39×38×13mm

Cable RG174 5 meters

Connector SMA Straight male Plug

Mounting Magnetic base

Housing Black

Environmental

Working Temp -40℃~+85℃

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

Humidity Humidity95%~100%RH

Weatherproof 100%Waterproof