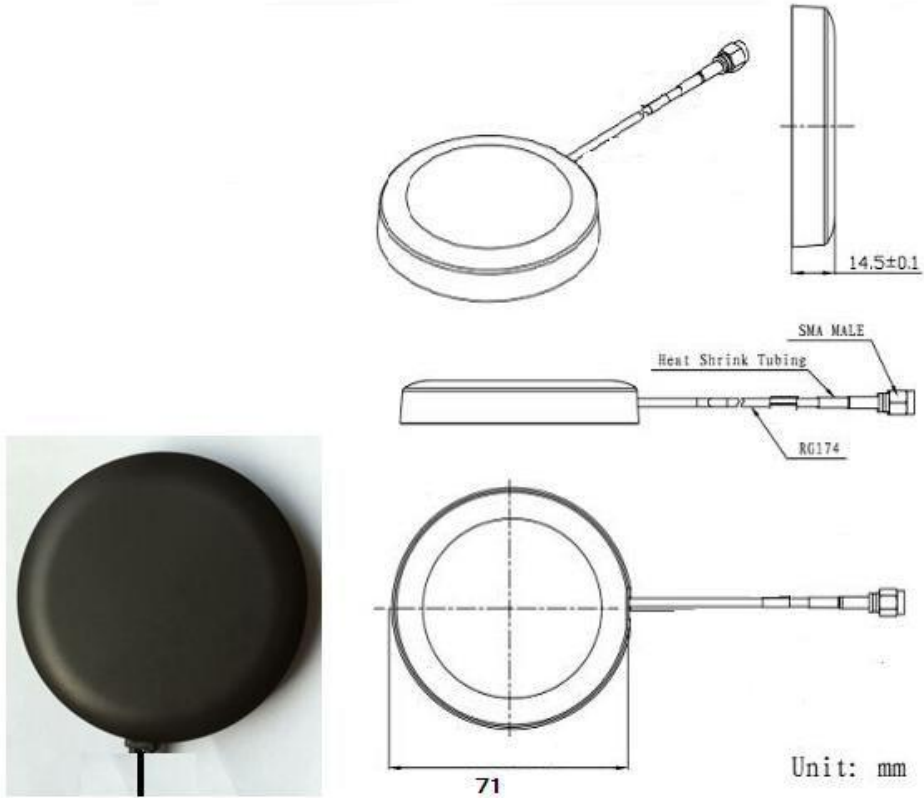




GPS Antenna Specification

(Model: SPK-GPSANT-070)



Dielectric Antenna

Center Frequency (MHz): 1575.42±3

VSWR: 1.5:1

Bandwidth (MHz): ±5

Impedance (Ω): 50

Peak Gain >3dBi Based on 7cm×7cm ground plane

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

Polarization: RHCP

(ii) LNA/Filter

LNA Gain (Without cable) : 28 dBi Typical

Noise Figure (dB): 1.5

Filter Out Band Attenuation (f0=1575.42 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): 11 Max



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(iii) Mechanical

Weight (gram) < 110

Size (mm): 71x14..5

Cable Length (m): 2,3 etc.

Connector: SMA etc.

Mounting: Magnetic

Housing: Black

