



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) : 2.0

Filter Out Band Attenuation (f0=1575.42 MHz)

40dB Min f0+/-50MHz ;

VSWR <2.0

DC Voltage (V) : 2.7 to 5.5v

DC Current (mA) : 11Max

(iii) Mechanical

Weight (gram) <110

Size (mm) : 42X36X13.5

Cable Length (m) : 2,3 etc.

Connector : SMA/SMB/SMC/BNC/FME/TNC/MCX/MMCX 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