



**Name: GPS Antenna
(SMA)**

Model: GPSSMA33

Dynamics

*Peak Gain

*Low Noise

*Low Current

*Magnetic

*GPS Active Antenna

Dielectric Antenna

Center Frequency	1575.42MHz±3 MHz
V.S.W.R	1.5:1
Band Width	±5 MHz
Impedance	50 ohm
Peak Gain	>3dBic Based on 7×7cm ground plane
Gain Coverage	>-4dBic at -90°<0<+90°(over 75% Volume)
Polarization	RHCP

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 3.3V

DC current 5mA Max

Mechanical

Weight <110gram

Size 43×33×14mm

Cable RG174 (2.5 meters) 8.2 feet

Connector SMA Male

Also available SMA/SMB/SMC/BNC/FME/TNC/MCX/MMCX

Mounting Magnetic/ Double Stick

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