

BY-GPS-GLONASS-10-14dB

GPS Antenna Specification



Product Specifications

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)

Mechanical

Weight (gram) <110

Size (mm) : 42×36×13.5

Cable Length (m) : 2,3 etc.

Connector: SMA / SMB / SMC / BNC / FME / T NC /

MCX / MMCX etc.

Mounting: Magnetic/adhesive

Housing: Black

LNA/Filter

LNA Gain (Without cable) : 14 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) : 11 Max

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

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