

Part no. ANT-GPS-06-XLNA

(i) 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

Gain (Without cable) : 4 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

(iii) Mechanical

Weight (gram) <110

Size (mm) : Φ46 ×14.5

Cable Length (m) : without

Connector: TNC female

Mounting: Screw mount

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

Contact us:

Email: info@elecomes.com

Tel: +61 468 468 128