

ESG-GPSGLNS-01

Dielectric Antenna:

Frequency:

1575 MHz/1602 MHz

Center Frequency:

1590 MHz (+/- 3 MHz)

V. S. W. R.: **1.5: 1**

Band Width: **50 MHz Min at -5 dB**

Impedance: **50 Ohm**

Peak Gain: **5dBic Min/1575MHz;**

4dBic Min/1602~1616MHz

Gain coverage: **≥ 4dBic at -90° < 0° < +90°**

(over 75% volume)

Handling power: **1 Watt**

Polarization: **RHCP**

LNA Specification

LNA Gain: **30-32dB Typical (without cable)**

Noise Figure **1.5dB**

V. S. W. R < **2.0**

DC Voltage **3.0V-5.0V+/-0.5V**

DC current **13mA Max (5V DC)**

Mechanical Specification

Weight with cable: **110 gram**

Size: **37 x 33.5 x 10 mm**

Cable: **RG174, 5 meters length**

Connector: **SMB straight female**

(Radiall p/n: R114.082.000)

Working Temp: **-40 C ~+85 C**

Storage Temp: **-45 C ~+100 C**

Vibration: **Sine sweep 1g (0-p)10~50~10Hz each axis**

Humidity: **Humidity: 95%~100%RH**

Waterproof: **100%**



GLONASS ANTENNA

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