

GPS/CELLULAR ANTENNA
Part No.: GLP1-GC Permanent Mount
SPECIFICATIONS

GPS Antenna:	
Frequency	1575 ± 3 MHz
VSWR	2.0 Max.
Bandwidth	10 MHz Min.
Impedance	50 Ω
Peak Gain	4 dBic Min.
Gain Coverage	≥ -4dBic at -90° ≤ θ ≤ 90° (over 75% volume)
Power Handling	1 watt
Polarization	RHCP
Amplifier Gain without cable	27 dB Typical
Noise Figure	1.5 dB Typical
Output VSWR	2.0 Max.
Filtering	-25dB (±100MHz)
DC Voltage	DC 3 to 5 V
DC Current	22 mA Max.
Cellular Antenna	
Frequency	880 – 960 MHz
VSWR	2.0 : 1
Impedance	50 Ω
Peak Gain	3 dBi Min.
Polarization	Linear
Pattern Type	Omni-direction
Power Handling	25 watt
Mechanical:	
Weight	≤ 320 gram
Size	100 mm DIA. X 39 mm High
Cable	GPS: RG 174/U with 5 meter long Cellular: RG 58/U with 5 meter long
Connector	GPS: SMA (Plug) Cellular: SMA (Plug)
Mounting	Thread permanent mount
Housing Color	White
Environmental:	
Working Temperature	-40°C < T < +85°C
Storage Temperature	-40°C < T < +85°C
Vibration	Sine Sweep, 1G(0-P), 10-150-10Hz each axis
Humidity	95%~100% RH

OUTLINE DIMENSIONS

