



# 亞力通訊股份有限公司

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## GPS/CELLULAR ANTENNA SPECIFICATIONS

Model No.: GPS-GCM

<b>GPS Antenna:</b>	
Frequency	1575 ± 3 MHz
VSWR	2.0 max.
Bandwidth	10 MHz min.
Impedance	50 Ω
Peak Gain	4 dBic min.
Power Handling	1 watt
Polarization	RHCP
Amplifier Gain without cable	27 dB typical
Filter Rejection	-30dB (±100 MHz)
Noise Figure	1.5 dB typical
Output VSWR	2.0 max.
DC Voltage	3.0V to 5.5V
DC Current	22±3 mA
<b>Cellular Antenna:</b>	
Frequency	824-894MHz or 880-960MHz
VSWR	2.0 max.
Bandwidth	70 MHz min.
Impedance	50 Ω
Peak Gain	3 dBi min.
Power Handling	25 watt
Polarization	Linear, Vertical
<b>Mechanical:</b>	
Weight	≤ 320 grams
Size	100mm diameter x 39mm height
Cable type	GPS: RG174A/U Cellular: RG58A/U
Cable length	5 meters
Connector type	GPS: SMA, BNC, SMB, SMC, MCX Cellular: TNC, BNC, SMA, mini-UHF
Mounting	Magnetic base
Housing Color	White
<b>Environmental:</b>	
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

Note: Specifications subject to change without notice.

# OUTLINE DIMENSIONS

