



亞力通訊股份有限公司

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GPS/CELLULAR ANTENNA SPECIFICATIONS Model No.: GPS-GCR

GPS Antenna:	
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 5.5 V
DC Current	22±3 mA
Cellular Antenna:	
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
Mechanical:	
Weight	≤ 330 grams
Size	100mm diameter x 39mm height 28mm stem height
Cable type	GPS: RG174U Cellular: RG58AU
Cable length	5 meters
Connector type	GPS: SMA, BNC, SMB, SMC, MCX Cellular: TNC, BNC, SMA, mini-UHF
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

Note: Specifications subject to change without notice.

OUTLINE DIMENSIONS

