



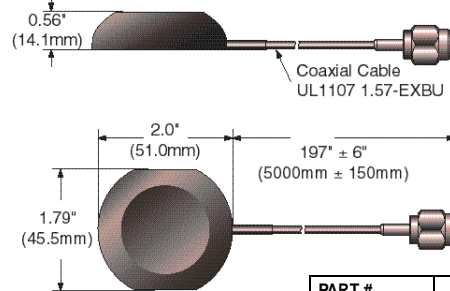
# SPECIFICATION SHEET ACTIVE GPS ANTENNAS



## UC SERIES ANTENNA

### Outstanding value in a compact form factor

- Compact size ( 1.79"x 2.0"x0.56")
- Wide operating voltage (3.0-7.0 VDC)
- 22mA current consumption
- Hi-gain/low-noise design (26dB typ. gain <=2.0 NF)
- Rugged weatherized package
- Wide operating temperature (-40°F to +185°F/-40°C to +85°C)
- Dual mounting options (magnetic or screw)
- OEM labeling option (1,000 pc. minimum)

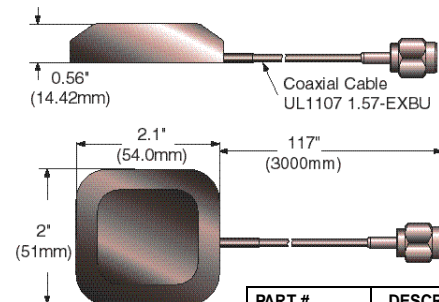


PART #	DESCRIPTION
ANT-GPS-UC-???	UC Series GPS Antenna
???=SMA, RP-SMA, SMB, MCX, GT-5	

## ST SERIES ANTENNA

### Combines Style, Performance and Low Cost

- Compact size
- Wide operating voltage (2.5-5.5 VDC)
- 14mA typical current consumption @3.0V
- Hi-gain/low-noise design (27dB typ. Gain <=1.7 NF)
- Rugged weatherized package
- Wide operating temperature (-40°F to +185°F/-40°C to +85°C)
- Dual mounting options (magnetic or screw)
- OEM labeling option (1,000 pc. minimum)

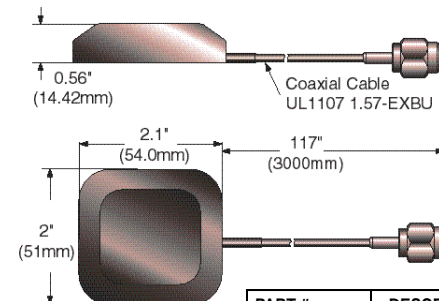


PART #	DESCRIPTION
ANT-GPS-SC-???	SC Series GPS Antenna
???=SMA, RP-SMA, SMB, MCX, GT-5	

## SE SERIES ANTENNA

### Ultra-High Performance and Low Power Consumption

- Ultra-low power consumption (5mA typical @ 3.3V)
- Wide operating voltage (3.3-5.0 VDC)
- Hi-performance design (Gain=30dBi typ. 1.6 NF)
- Rugged weatherized package
- Compact Size ( 1.79"x 2.0"x0.56")
- Wide operating temperature (-40°F to +185°F/-40°C to +85°C)
- Dual mounting options (magnetic or screw)
- OEM labeling option (1,000 pc. minimum)



PART #	DESCRIPTION
ANT-GPS-SE-???	SE Series GPS Antenna
???=SMA, RP-SMA, SMB, MCX, GT-5	

## TECHNICAL SPECIFICATIONS

### UC SERIES

Center Frequency	1575.42MHz
Frequency Tolerance	±5MHz
Impedence	50
V.S.W.R. @ Fo	2 max
Antenna Gain at 90°	0dBi
Polarization	RHCP
Axial Ratio at 90°	3.0dBi Max (Elevation=90°)
System Gain	26dB ±3
Noise Figure	2.0dB Max.
Input Voltage	3.0V - 7.0V
Power Consumption	22mA Max.
Operating Temperature	(-40°F/+185°F/-40°C/+85°C)
Output Connector	SMA, RP-SMA, SMB, MCX, BNC, GT-5
Cable	UL1107
Cable Length	197" ±6" (5000mm ±150mm)
Mounting	Dual (Magnetic or Screw)

### ST SERIES

Center Frequency	1575.42MHz
Frequency Tolerance	±1.1MHz
Impedence	50
V.S.W.R. @ Fo	2 max
Antenna Gain at 90°	3.0 dBi
Polarization	RHCP
Axial Ratio at 90°	3.0dBi Max (Elevation=90°)
System Gain	26-29dBi
Noise Figure	1.9dB max.
Input Voltage	2.5V - 5.5V
Power Consumption	11-22mA
Operating Temperature	(-40°F/+185°F/-40°C/+85°C)
Output Connector	SMA, RP-SMA, SMB, MCX, BNC
Cable	RG-174U
Cable Length	117" ±6" (3M)
Mounting	Dual (Magnetic or Screw)

### SE SERIES

Center Frequency	1575.42MHz
Frequency Tolerance	±1.1MHz
Impedence	50
V.S.W.R. @ Fo	2 max
Antenna Gain at 90°	3.0 dBi
Polarization	RHCP
Axial Ratio at 90°	3.0dBi Max (Elevation=90°)
System Gain	26-33dBi
Noise Figure	1.8dB max.
Input Voltage	3.3V - 5.0V
Power Consumption	4-9mA
Operating Temperature	(-40°F/+185°F/-40°C/+85°C)
Output Connector	SMA, RP-SMA, SMB, MCX, BNC
Cable	RG-174U
Cable Length	117" ±6" (3M)
Mounting	Dual (Magnetic or Screw)

For additional information, please contact Antenna Factor at 800-489-1634

Recipient understands any or all of the above specifications are subject to change without notice and proceeds with integration at own risk.