










## GPS Antenna Module Selection Guide

### **GPS Antenna Module:**

					
Model:	<b>D-10</b>	<b>D-12</b>	<b>D-18</b>	<b>GD-12</b>	<b>SA-60C</b>
Dim. in mm (LxWxH)	10x 10x6.25	12 x12x8	18 x 18 x 8	13 x 19 x 6.25	29 x 38 x 10.5
Weight	2.6g +/-0.5	5g+/-0.5	30g w/o C.	5g+/-0.5	20g w/o C.
Overall Gain	16 dB	16 dB	17 dB	17 dB	27 dB
Supply Volts	2.8 ~ 3.3V DC	2.8 ~ 3.3V DC	2.5 ~ 3.3V DC	2.8 ~ 3.3V DC	4.5 ~ 5.5V DC
Current	3.8mA@3 V DC	3.8mA@3V DC	4.5 ~ 8.0 mA	6.2mA@3V DC	28mA +/-3mA
Operation temperature	-40 °C ~ +85 °C	-40 °C ~ +85 °C	-30 °C ~ +80 °C	-40 °C ~ +85 °C	-40 °C ~ 85 °C

### **GPS Antenna Module:**

				
Model:	<b>SA-76C</b>	<b>PA-50-A</b>	<b>PA-50-B</b>	<b>PA-50-C</b>
Dim. in mm (LxWxH)	29 x 38x10.5	76x76x12	52x42x10.3	38x29x10.9
Weight	20g w/o C.	60g w/o C.	45g w/o C.	20g w/o C.
Overall Gain	26 dB	+5 dBi typ	+5 dBi typ	+5 dBi typ
Supply Volts	2.5 to 5.5V DC	No Power consumption	No Power consumption	No Power consumption
Current	13 mA	--	--	--
Operation temperature	-30 °C ~ +85 °C	-40 °C ~ +85 °C	-40 °C ~ +85 °C	-40 °C ~ +85 °C