

## GPS Antenna Specifications



**A20**

GPS, SBAS and L-Band (OmniSTAR®)



**A30**

GPS, SBAS, L-Band (OmniSTAR®) and Beacon

### GPS Sensor Specifications

GPS Frequency Range	1.575 GHz (L1)
GPS Bandwidth	20 MHz
GPS LNA Gain	34 dB
GPS LNA Noise	1.4 dB typical

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### Beacon Sensor Specifications

Beacon Frequency Range	N/A
Beacon LNA Gain	N/A

Beacon Frequency Range	383.5 - 325 KHz
Beacon LNA Gain	34 dB

### L-band Sensor Specifications

Lband Frequency Range	1.525 - 1.585 GHz
L-band LNA Gain	34 dB

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L-band LNA Gain	34 dB

### Power Input Specifications

Input Voltage	5 - 12 VDC
Input Current	20-30 mA

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Input Current	50-60 mA

### Mechanical Specifications

Enclosure	AES
Dimensions	55 mm H x 130 mm D (2.2 H x 5.1 D inches)
Weight	363 g (0.8 lb.)
Mounting Options	Magnetic or Fixed Mount - low or high profile (5/8 inch or no. 8-32 screws)

Enclosure	AES
Dimensions	69 mm H x 130 mm D (2.7 H x 5.1 D inches)
Weight	590 g (1.31 lb.)
Mounting Options	Magnetic or Fixed Mount - low or high profile (5/8 inch or no. 8-32 screws)

### Environmental Specifications

Storage Temperature	-40° C to +85° C
Operating Temperature	-30° C to +70° C
Humidity	100% Condensing

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