

# PG-A1 Antenna



Topcon continues to lead all GNSS manufacturers with a multitude of new and innovative products. The PG-A1 GNSS antenna continues to compliment the complete line of Topcon GNSS products.

This dual-frequency/dual-constellation, geodetic antenna clearly demonstrates Topcon's antenna expertise is world class. With precision micro center antenna technology, you have the best design available to achieve the highest horizontal and vertical accuracies. The integrated ground plane also helps eliminate errors caused by multipath.

The PG-A1 antenna is designed to accompany the Topcon modular receivers such as the GB-1000, GB-500, Legacy-E+, and Odyssey-RS as well as the ground breaking GRS-1.

Contact your local Topcon Distributor for more information or to arrange a demo, or you can visit us at <http://www.topconpositioning.com>.

The antenna calibration is published on the NGS website at: <http://www.ngs.noaa.gov/ANTCAL/>.

PG-A1	
<b>Frequency</b>	Dual Frequency GPS + Glonass
<b>Centering</b>	Precision Micro Center
<b>Type</b>	Microstrip on flat ground plane
<b>Weight</b>	492g
<b>Dimensions</b>	141.6 x 141.6 x 53.7mm
<b>DC Voltage</b>	+2.7 ~ +12V; 25 mA @5.0typ.
<b>LNA Gain</b>	30 ± 2dB
<b>Output</b>	50 Ohm
<b>Connector</b>	TNC female
<b>Environmental</b>	Waterproof
<b>Operating Temp.</b>	-40°C ~ +55°C
<b>Shock Resistance</b>	2-meter Pole Drop

**Topcon Positioning Systems, Inc.**  
800-443-4567  
[www.topconpositioning.com](http://www.topconpositioning.com)

Topcon sells GPS products into the precision markets only.

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