

## 26 dB Gain GPS L1 Glass Mount Antenna

The AGPS26GMMMSMA glass mount global positioning system (GPS) antenna utilizes an electrically shielded LNA PCB assembly and ceramic filter designed to provide high out-of-band rejection for optimal integration in multi-band installations. The assembly is permanently encased in a compact, UV-stable radome, making it ideal for concealed vehicle tracking applications.



AGPS26GMMMSMA

### Features

- Outstanding interference rejection
- High bond tape for vehicle windshield glass installation
- Rugged, low-profile housing for minimum visibility
- 26 dB gain
- ESD protection

### STANDARD CONFIGURATION

Model	Cable	Connector	Mount
AGPS26GMMMSMA	17 feet RG-174/U	Male SMA (attached)	High Bond tape for dashboard glass mounting

### ELECTRICAL SPECIFICATIONS - GPS ANTENNA

Nominal Impedance	Element Gain	Frequency Range	Amplifier Gain*	Polarization
50 ohms	At zenith: 3 dBic nominal	1575.42 ± 1 MHz (GPS L1)	Without antenna element and cable: 26 dB ± 3	Right hand circular

### ELECTRICAL SPECIFICATIONS - GPS ANTENNA, continued

Polarization	Out of Band Rejection	Noise Figure	Axial Ratio	Current Draw	DC Voltage	VSWR
Right hand circular	40 dB @ ± 50 MHz typical	1.8 typical @ 25°	< 3 dB @ boresight	@ 5 volts: 20 mA Nominal < 30 mA @ -40°C to +85°C (Filter Out-Of-Band)	3-5 V (regulated)	1.5:1 (typical)

### MECHANICAL & ENVIRONMENTAL SPECIFICATIONS

Dimensions	Housing Material	Temperature Range	Humidity
2.22 L x 1.97 W x 0.59 D in (56.3 x 50 x 14.9 mm)	Black, UV-stable plastic	-40°C to +85°C	10 to 95% RH