



Multiple Mount GPS L1 GPS Antenna

The AGPS26 global positioning system (GPS) antenna features an electrically shielded LNA PCB assembly that is permanently encased in a UV-stable, black radome. Providing 26 dB of gain and 3 to 5 Vdc operation, this active GPS antenna provides outstanding GPS support for many vehicle tracking applications. This magnetic mount antenna can be ordered with additional screw or tape mount hardware for maximum installation flexibility.



AGPS26MM

Features

- Rugged, low-profile housing for minimum visibility
- Various mount options for maximum versatility. Magnetic mount standard. Screw or tape mount hardware optional.
- Wide variety of connector options provide greater flexibility and compatibility with most GPS systems

STANDARD CONFIGURATION

Model	Cable	Connector*	Mount
AGPS26MM	17 feet RG-174/U	SMA Plug	Magnet

ELECTRICAL SPECIFICATIONS

Frequency Band	Gain	VSWR	Nominal Impedance
1575.42 ± 1.023 MHz	Typical at zenith: +5.0 dBic (-1.0 dBic minimum at 10° elevation)	< 2.0:1 maximum	50 ohms

ELECTRICAL SPECIFICATIONS, continued

Amplifier Gain	Polarization	Out of Band Rejection
26 dB	Right hand circular	fo=1575.42 MHz fo ± 20 MHz: 7 dB typical fo ± 50 MHz: 20 dB typical fo ± 100 MHz: 30 dB typical

ELECTRICAL SPECIFICATIONS, continued

Noise Figure	Axial Ratio	Current Draw	DC Voltage
1.8 dB typical 2.2 dB maximum	3.0 dB typical	20 mA, maximum at 3-5 Vdc (9 mA typical)	3-5 Vdc: 50 mV p-p ripple (max)

MECHANICAL & ENVIRONMENTAL SPECIFICATIONS

Dimensions	Weight	Housing Material	Temperature Range	Humidity
2 L x 1.77 W x 0.55 D in (50.8 x 44.9 x 13.9 mm)	4.09 ± 0.35 oz	Black, UV-stable plastic, ABS	-40°C to +85°C	10 to 95% RH

* Consult Customer Service for other connector options.