



29dB, 5V, Patch GPS Antenna



RoHS
compliant
2002/95/EC

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Key Features

- Waterproof and corrosion-resistant housing
- Available in SMA or SMB
- RoHS-Compliant (Pb-free)

Presentation

The Patch 5V GPS Antenna is a water-resistant, low-profile antenna used with HEOL DESIGN GPS receivers. It has a magnetic mounting for quick, convenient placement on or inside vehicles, making it ideal for Timing and Navigation mobile asset management.

Put it anywhere

The antenna is housed in weatherproof packaging designed to withstand exposure to shock, excessive vibration, extreme temperatures, rain, snow and sunlight.

SUMMARY OF THE CHARACTERISTICS:

Environmental:

Dimensions	50.5mm x 40.2mm x 13.9mm
Vibration	10-200Hz Log sweep 3g 3 axes
Shock	50g vertical, 30g all axes
Operating Temperature	-40/+85 °C
Storage Temperature	-40/+100°C
Humidity	MIL-STD-810E
Corrosion	5% Salt spray
Waterproof	JISD0203 S2
Magnetic mount pulling force	29.4N
Withstand	Up to 180 km/h
Cable pulling force	49N minimum (room temp)
Weight	60 grams (without cable)

Electrical/Performance characteristics

Prime power	5 VDC ($\pm 10\%$)
Power consumption	30mA
Gain	29 dB typical
Frequency	1575.42MHz (± 1.023 MHz)
Impedance	50 Ohm