



GNSS-HR26PM Low-Profile Antenna with High Rejection GNSS Technology

The GNSS-HR26PM vehicle tracking antenna features a light, low-profile housing that is ideal for fleet management applications. Its radome is molded from high grade polymer resin for maximum UV and abrasion resistance under severe environmental conditions. Its electrically shielded LNA PCB assembly and ceramic filter are designed to provide proprietary high out-of-band rejection for optimal integration in congested wireless installations.

Features

- GPS L1 & GLONASS L1 Frequencies
- Proprietary filtering design allows wideband coverage while achieving superior out-of-band rejection for all GNSS frequencies
- Rugged, low-profile housing for minimum visibility
- 26 dB gain
- ESD protection
- IP56 ingress protection



GNSS-HR26PM

STANDARD CONFIGURATION

Model	Cable	Connector**	Mount
GNSS-HR26PM	5 Meters RG174 (16.4 Feet)	SMA Plug	1/2-inch built-in threaded stud mount for 1-inch diameter mounting holes. For up to 1/4-inch (6mm) surfaces

ELECTRICAL SPECIFICATIONS - GNSS ANTENNA

Frequency Band	LNA Gain	Element Gain	Polarization	Out of Band Rejection	VSWR
1565-1610 MHz	@ 3.0VDC: 26dB (typical)	-2 dBic @ 20°	Right hand circular	f0 = 1586 MHz f0 +/- 50MHz : ≥ 60dBc f0 +/- 60MHz : ≥ 70dBc	2.0:1 maximum

ELECTRICAL SPECIFICATIONS - GNSS ANTENNA, continued

Current Draw	DC Voltage	Noise Figure	Nominal Impedance
< 25 mA (typical)	2.8-6.0 V (operating) ≤ 12.0 V (survivability)	< 2.0 dB (typical)	50 ohms

MECHANICAL SPECIFICATIONS

Dimensions	Weight	Housing Material
2.5" OD x 0.5" D (63.5 x 12.7 mm)	25 grams	Black, UV-Stable ASA

ENVIRONMENTAL SPECIFICATIONS

Temperature Range	Humidity	Mechanical Shock	Fluid Shower
-40°C to +85°C (operating)	95%	25 g maximum	Water, salt mist, windshield wiper fluid, detergent with wax: no degradation

*When installed according to the manufacturer's installation instructions.
** Consult Customer Service for other connector options.