

# HDP-GNSS

## HEAVY-DUTY PASSIVE GNSS ANTENNA

### PRODUCT OVERVIEW

The HDP-GNSS is a heavy-duty antenna specifically made for GNSS. Despite its compact build, this antenna packs a punch, as it covers all GNSS frequencies including GPS, Glonass, Galileo, BeiDou, QZSS.

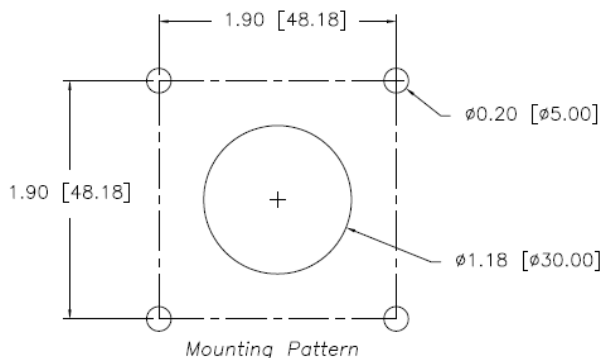
- **Small and Powerful:** The HDP-GNSS covers all the GNSS frequencies, supporting GPS, Galileo, Glonass, BeiDou, and QZSS.
- **Built to last.** Capitalizing on a heavy-duty, UV rated ASA radome and a machined aluminum base, the HDP-GNSS is water resistant, vibration and shock resistant (impact rated to IP67) making it ideal for outdoor and industrial applications.

Tested and trusted, Mobile Mark focuses on quality and leveraging the expertise of highly skilled professionals, specializing in customizable manufacturing solutions across North America and Europe. By combining advanced technologies with comprehensive team knowledge, we ensure tailored products that meet diverse needs, all delivered efficiently to exceed expectations.

To Purchase, visit [www.TheAntennaStore.com](http://www.TheAntennaStore.com).

Electrical Specifications	
Frequency & Gain	1164 - 1610 MHz, 5 dBic
Polarization	R.H.C.P
VSWR	Less Than 2:1
Impedance	50 Ohms Nominal
Axial Ratio	3 dB Max
Beamwidth	100deg +/- 10deg


Mechanical Specifications	
Radome Material & Color	UV Stable ASA, Foam Filled, Available in Black
Base	Machined Aluminum
Gasket	PVC Closed-Cell Foam
Radome Dimension	3.66" Dia. x 1.47" H (92.96 x 37.33 mm)
Standard Connectors	"N" Jack
Operating Temperature	-40° to +80° C
Mounting	4x 10-32 Studs
Dust & Water Ingress	IP67
Shock and Vibration	EN 61373, IEEE1478, MIL-810G
RoHS Compliant	Yes



Dimensions in inches, mm in Brackets



### HIGHLIGHTS:

- Covers GPS and all equivalent Glonass, Galileo, BeiDou, and QZSS bands.
- Heavy Duty
- Compact & Powerful
- Easy to Install
- Fast Delivery
- Manufactured in North America & Europe 

### COMMON APPLICATIONS:

- Mining Environment
- Underpass Tunnel

### BANDS:

- GPS: L1, L2, L5
- Galileo: E1, E5a, E5b, E6
- GLONASS: G1, G2, G3
- Biedou: B1, B2, B3
- QZSS: L1, L2, L5
- NAVIC: L5



US Headquarters +1.847.671.6690 • US/CA Toll Free +1.800.648.2800  
European Facility +44.1543.459555 • [www.MobileMark.com](http://www.MobileMark.com)

**Moving Wireless Forward®**