

GPS/GLONASS/QZSS/Galileo Puck Antenna

1575-1606MHz



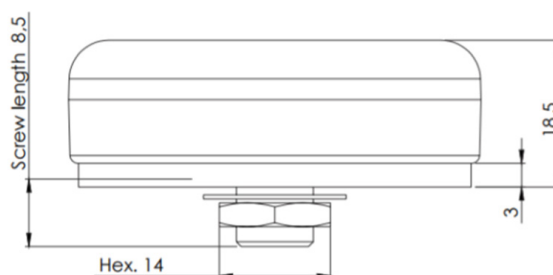
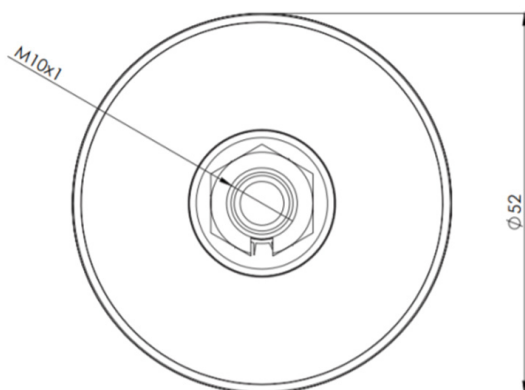
The GPS3-MHP is a compact, hockey puck shaped antenna covers GPS, GLONASS, QZSS and Galileo (1575 – 1606MHz) Global Navigation Satellite Systems. Its small size of 52mm diameter x 18.5mm tall means the antenna can fit onto most surfaces comfortably and provides an unobtrusive profile.

The GPS30MHP can be mounted securely inside or outside, making this antenna suitable for a host of different GPS applications including: vehicle/fleet/asset tracking, mobile applications or general positioning purposes.



Features:

- Stud Mount
- Ground Plane Independent
- Compact size (ø50 x 18.5mm)
- IP69K



Electrical Specifications

Model Number	GPS3-MHP-XX-XX	
GNSS Bands	GPS/QZSS/Galileo	GLONASS
Frequency MHz	1575.42	1598-1606
VSWR	< 1.5:1	
LNA Gain	32 dB typical @ 5V	
Impedance Ω	50	
Polarisation	RHCP	
Voltage Supply V	1.8 - 5	
Current (max.)	5mA @ 1.8V / 13mA @ 3.3V / 25mA @ 5V	

Mechanical Specifications

Model Number	GPS3-MHP-5M-SMC	GPS3-MHP-7M-SMA
Mounting	Stud & Nut (M10)	
Dimensions mm	Ø52 x 18.5	
Radome Type	UV Stable ABS	
Radome Colour	Black	
Antenna Base	ABS	
Operating Temp. °C	-40 to +85	
IP Rating	IP69K*	
Cable / Connector	5m x RG174 / SMC male	7m x RG174 / SMA male