

# External GNSS Antenna



Off-the-shelf External GNSS Antenna providing full-band position coverage and offering high RF performance and reliability for wireless and networking applications

## Features and Advantages



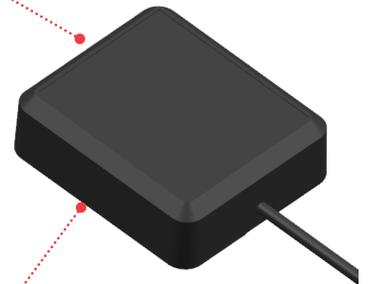
### Full band GNSS antenna

Supports GPS/GLONASS/BeiDou/Galileo bands, offering design flexibility

Less than 2 VSWR with low noise figure and high gain  
Delivers superior RF performance



External GNSS antenna, Magnetic Mount



Strong plastic housing with IPX7 rating  
Makes it ideal for external applications

## Applications

### Automotive

Navigation devices

### Commercial Vehicles

Smart transportation

Networking

### Industrial

Maritime port technology systems

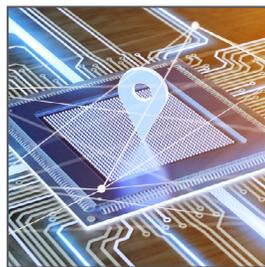
Surveying and mapping systems

Emergency response systems

### IoT

Connected mobility

Connected consumers



GNSS Module



Smart transportation



Intelligence vehicle

## Specifications

	<i>REFERENCE INFORMATION</i>		
Packaging	Bag		
Mates With	SMA straight cable plugs (male)		
Designed In	Millimeters		
RoHS	Yes		
	<i>ELECTRICAL</i>		
Frequency (MHz)	1561.098	1575.42	1602
RF Power (Watt)	2		
Return Loss (dB)	<-10	<-10	<-10
Average Total Radiation Efficiency	>20%	>30%	>25%
Peak Gain (dBi)	-1.7	-0.4	-1.4
Impedance (Ohms)	50		
	<i>MECHANICAL</i>		
	Refer to product specifications		
	<i>PHYSICAL</i>		
Size (mm)	55.00 by 47.00 by 16.70 (cable not included)		
Material	Refer to sales drawings		
Operating Temperature	-40 to +85°C		

[www.molex.com/link/gnss-external.html](http://www.molex.com/link/gnss-external.html)

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