

# GPS Miniature, Economical Active Antennas



## FEATURES

- Economical
- Suitable for a variety of GPS Receivers

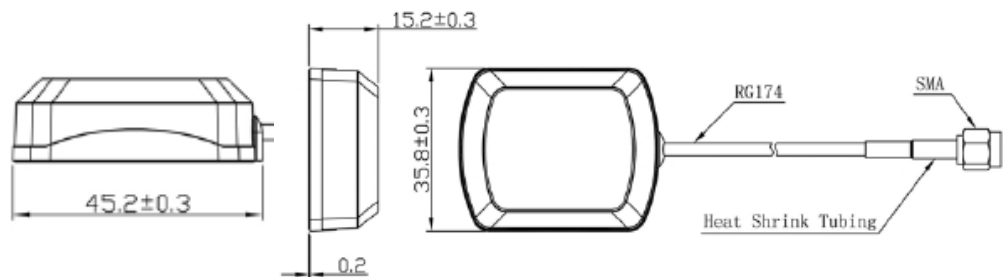
This range of GPS antenna has been designed as a versatile low cost active antenna solution. The antennas is active 3, 5 or 3-5 Volt ceramic patch encapsulated in a UV stable radome, cable is molded to the package for strength and waterproofing characteristics. It is offered as a magnetic mountable package making this antenna ideal for quick easy mounting.

## Antenna Specifications

Frequency	1575.42 +/- 1 MHz
Bandwidth	CF 5 MHz
Bore sight Gain	5.0 dBi Min
Antenna VSWR	< 1.5:1
Polarization	RHCP
Axial Ratio	3dB Max
Elevation	Hemispherical
Temperature range	-40 to +85 Deg C
Protection	IP67
Weight	< 110 grams
Colour/Material	Black, ABS
Cable	RG174 1 to 5 mtrs
Connector selection	SMA,SMC,SMB,MCX + more

## Low Noise Amplifier (LNA) Specifications

Amplifier Gain	28dB +/- 2dB
Noise Figure	< 1.5
Filter Insertion Loss	< 3dB
VSWR	2.0:1 Max
1dB Comp Pt	0dB
O/P 3 <sup>rd</sup> Order	+10dbm
Reverse Isolation	> +50dB
Impedance	50 Ohm
Supply Voltage	2.2~5 VDC @ 5~15mA
Out of Band	12dB min CF+50 MHz
Attenuation	16dB min CF-50 MHz



## ORDER CODE:

