

**722-GPS** is a Low Profile External Active GPS Antenna. It's a High performance GPS antenna with a very small footprint for covert and non-noticing applications. It can be use for various location based services such as M2M, Remote monitoring, Timing for base stations and Vehicle fleet tracking. The body of the antenna is made of robust ABS to withstand stringent series of environmental tests including Salt Spray, UV Radiations, Shock and Vibration and meet IP67 specifications. These can be mounted on any surface and be delivered with customer specified connectors and cable lengths.


**FEATURES:**

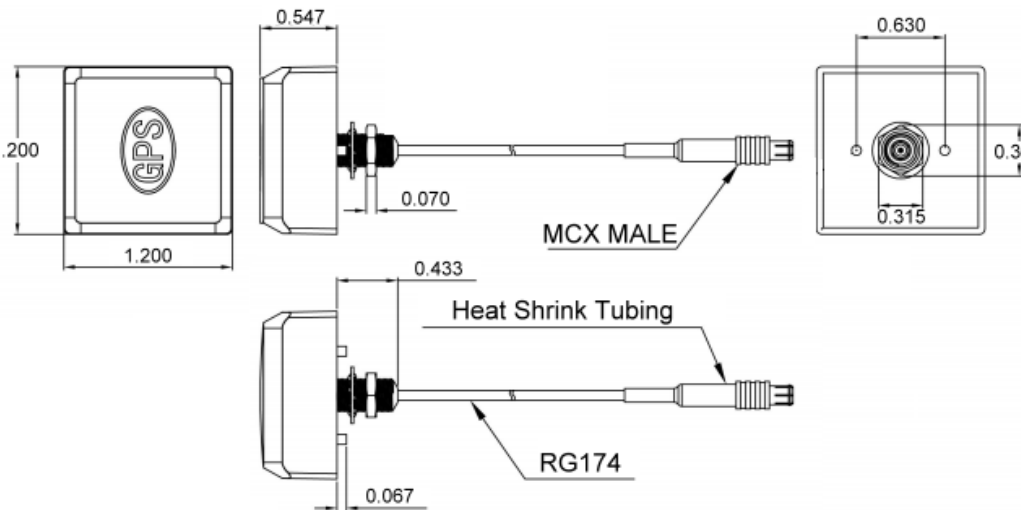
- Two Stage 30 dB Gain
- Low Profile, discrete design
- Front end Saw Filter
- Durable ABS Body, Outdoor weather and UV resistant
- Applications include M2M, Remote monitoring, Timing for base stations and Vehicle fleet tracking.

**ELECTRICAL SPECIFICATIONS:**
**Antenna**

Center Frequency:	1575.42 ±1MHz
Band Width:	$C_f \pm 5\text{MHz}$
Polarization:	RHCP
Impedance:	50 Ohms
VSWR:	< 1.50
Gain:	5 dBi (Zenith)
Axial Ratio:	3 dB (Max)

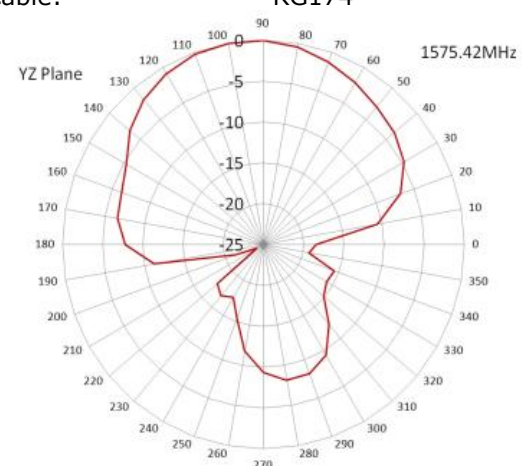
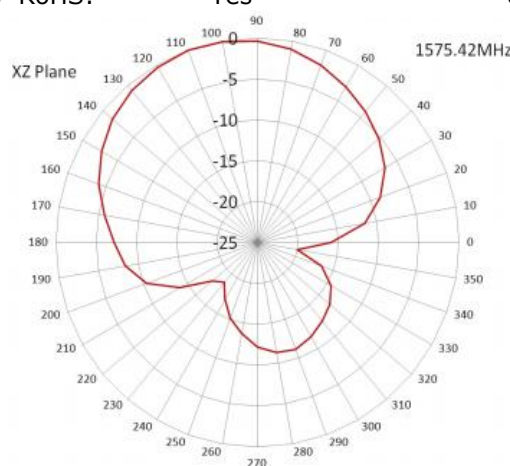
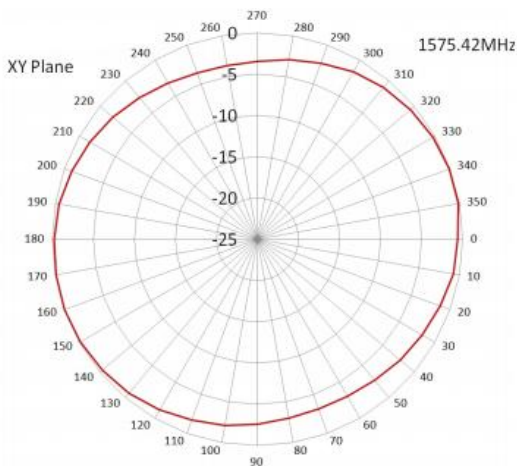
**LNA**

LNA Gain:	30 dB
Noise Figure:	< 1.5 dB
Filter Insertion Loss:	< 3 dB
Ex-band Attenuation:	20 dB @ $C_f \pm 50\text{MHz}$
Supply Voltage:	1.8 ~ 5.5 VDC
Current Consumption:	5 ~ 15 mA
VSWR:	< 2.00
Connectors:	MCX (Standard), SMA, TNC
Cable:	RG174


**MECHANICAL SPECIFICATIONS:**

Radome Material:	ABS
Mounting Method:	Screw & Washers
Operating Temp:	-40°C to 85°C
Environmental:	IP67, UL94-0

Humidity:	Non condensing 65°C 95% RH
Vibration:	10 - 55 Hz with 1.5mm Amplitude
RoHS:	Yes



Please contact our sales department at 914-230-4060 or [sales@innowaverf.com](mailto:sales@innowaverf.com) for any custom requirements.

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