

## ***GPS\_WP/TRK Series – GPS ANTENNA***



### **Waterproof GPS Active Antenna with a filtered LNA**

Frequency: 1575.42MHz  
LNA Gain (at 5V): 27dB Nominal  
LNA Noise Figure: 1.5dB (Typ.)  
IP Rating: IP67 (Waterproof)  
Supply Voltage: 3 – 5V  
Supply Current: 15mA Max.  
Impedance: 50Ω



<div>SPEC.</div> <div>ITEM</div>	
Centre Frequency	1575.42MHz±3 MHz
V.S.W.R	1.5:1
Band Width	±5 MHz
Attenuation	fo±100MHz>30dB
Impendence	50 ohm
Peak Gain	>3dBic Based on 7×7cm ground plane
Gain Coverage	>-4dBic at -90°<0<+90°(over 75% Volume)
Polarization	RHCP

### **Physical Data**

Gross Dimensions: 54mm x 44mm x 15mm, Black ABS Plastic.  
Mounting: Magnetic Mount.  
Operating Temp: -40 °C to +85 °C  
Cable: RG174 – Specified length (-0mm, +100mm)  
Connectors: Nickel-plated brass crimp type. Specified type

The above data is to be used as baseline information only. For a more detailed specification, application support or application approval samples, please contact our technical support help desk on +44(0) 1420 470615. We reserve the right to modify the specifications without prior notice.