

## WPANT10075

### GPS L1 band Antenna



WPANT10075-S1A

5" micro co-ax with IPX MHF

WPANT10075-S2A

5" micro co-ax with RA MMCX

*Note: Different cable and connector style requests can be accommodated.*

### Application

A self-adhesive plug and play antenna for wireless devices at L1 band GPS frequencies.

We can assist your engineers to optimize mounting positions for these antennas in your specific application and can further assist to troubleshoot system integration issues such as TRP/TIS and FCC requirements. We specialize in developing customized Antenna solutions. Please contact [sales@worldproducts.com](mailto:sales@worldproducts.com) with your specific application requirements.

### Electrical Properties

<b>Operating Frequency</b>	1560 – 1590 MHz
<b>Approximate Antenna Impedance [<math>\Omega</math>]</b>	50 $\Omega$
<b>VSWR (Typical)</b>	< 2:1
<b>Peak Gain [dBi] (Typical)</b>	2 dBi
<b>Efficiency [%] (Typical)</b>	60 %
<b>Polarization</b>	Linear
<b>Pattern</b>	Near Omni-directional

### Mechanical / Environmental Properties

<b>Antenna Dimensions</b>	1.52" x 0.24" x 0.046" (including 3M tape thickness)
<b>Antenna Color</b>	Black
<b>Tape</b>	15 mils thick 3M 4920 VHB double stick
<b>Operating / Storage Temperature</b>	-40°C to +125°C
<b>Environmental</b>	Meets standards for UL 94V-0
<b>Hazardous Materials</b>	RoHS Compliant

Picture

