

## WPANT10087

### GPS L1 band SMT Antenna



### Application

A sleek surface-mountable 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>	70 %
<b>Polarization</b>	Linear
<b>Pattern</b>	Near Omni-directional

### Mechanical / Environmental Properties

<b>Antenna Dimensions</b>	1.26" x 0.09" x 0.062" (32mm x 2.25mm x 1.6mm)
<b>Antenna Color</b>	Black
<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

