

## WPANT30313-R1A

### LTE / 4G / GPS / GLONASS Multi-Band Puck Antenna



### Description / Application

This LTE & GPS/Glonass antenna is an ideal plug-n-play antenna that is compact enough to be used in many wireless applications

We can assist your engineers to optimize mounting positions for these antennas in your specific application and can further customize the antennas for your specific needs. Please contact [sales@worldproducts.com](mailto:sales@worldproducts.com) with your specific application requirements.

### Electrical Properties

<b>Operating Frequency</b>	690-960 & 1710-2700 MHz	1575.42±3 MHz & 1602±8 MHz
<b>Approximate Antenna Impedance [Ω]</b>	50 Ω	50 Ω
<b>VSWR</b>	<2.5	<2.0
<b>Gain [dBi] (Typical)</b>	3 dBi	28 dB ± 3dB (active)
<b>Voltage [V] (Typical)</b>		3.0 – 5.0 V
<b>Current [mA] (Typical)</b>		12mA @ 3V
<b>Noise Figure [dB] (Typical)</b>		1.5dB
<b>Polarization</b>	Linear	RHCP
<b>Accepted Power [W] (Max)</b>	2W	400mW

### Mechanical / Environmental Properties

<b>Antenna Dimensions</b>	2.1" Base Dia X 0.56" Height (52mm X 14.2mm)
<b>Antenna Color</b>	Black ABS
<b>Terminal 1 Connector</b>	3m RG174 with SMA Male (plug)
<b>Terminal 2 connector</b>	3m RG174 with SMA Male (plug)
<b>Attachment Method</b>	Magnetically mounted
<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

**High Gain GPS / GLONASS Body-mount Antenna**

**Size drawing**

