

## **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

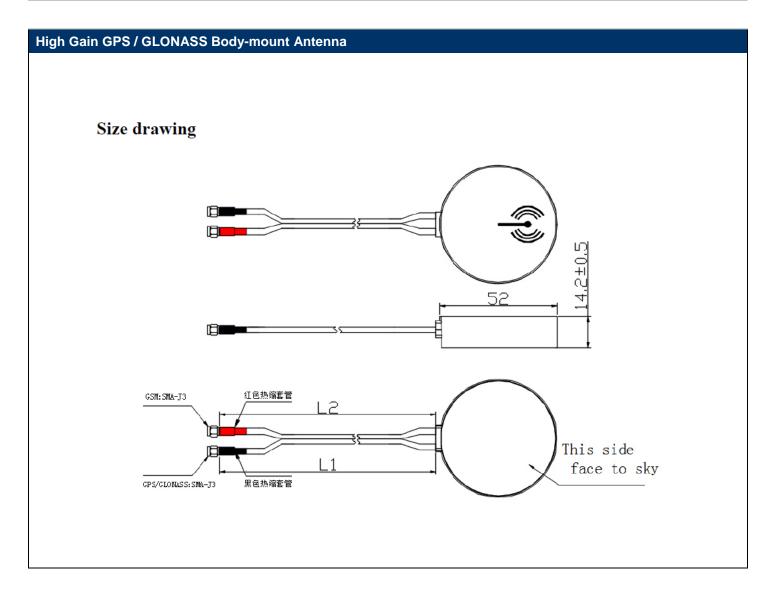
We can assist your engineers to optimize mounting positions for these antennas in your specific application and can further customize the antennas for your specific needs. Please contact <a href="mailto:sales@worldproducts.com">sales@worldproducts.com</a> with your specific application requirements.

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

Mechanical / Environmental Properties		
Antenna Dimensions	2.1" Base Dia X 0.56" Height (52mm X 14.2mm)	
Antenna Color	Black ABS	
Terminal 1 Connector	3m RG174 with SMA Male (plug)	
Terminal 2 connector	3m RG174 with SMA Male (plug)	
Attachment Method	Magnetically mounted	
Operating / Storage Temperature	-40°C to +125°C	
Environmental	Meets standards for UL 94V-0	
Hazardous Materials	RoHS Compliant	

Rev: 1.0 Monday, September 24, 2018 Page | 1





Rev: 1.0 Monday, September 24, 2018 Page | **2**