

## WPANTDP084-R1A

## 2.5 GHz LTE MIMO Directional Panel Antenna

### Picture of the Antenna



### Description / Application

This is a high gain MIMO Panel antenna that operates in the 2.5 GHz LTE band. It can be configured with different cable and connector styles. This antenna is at DC ground for lightning protection.

WP Wireless can assist your engineers to optimize mounting positions for these antennas in your specific application and can further assist to trouble shoot system integration issues such as TRP/TIS and FCC requirements. WP Wireless specializes in developing customized Antenna solutions. Please contact [sales@wp-wireless.com](mailto:sales@wp-wireless.com) with your specific application requirements.

### Electrical Properties

<b>Operating Frequency</b>	2.3 – 2.7 GHz
<b>Approximate Antenna Impedance [<math>\Omega</math>]</b>	50 $\Omega$
<b>VSWR - Typical</b>	< 2:1
<b>Peak Gain [dBi] (Typical)</b>	~ 12 dBi
<b>Polarization</b>	Linear (Vertical or Horizontal)
<b>Isolation between the Ports [dB]</b>	> 20 dB
<b>Pattern</b>	Directional
<b>Accepted Power [W] (Max)</b>	100 Watts
<b>Lightning Protection</b>	DC ground

### Mechanical / Environmental Properties

<b>Antenna Dimensions</b>	8.0" X 8.0" X 0.90" (L X W X H)
<b>Antenna Color</b>	White
<b>Cable Type</b>	TBD
<b>Cable Length</b>	TBD
<b>Connector</b>	MMCX
<b>Operating / Storage Temperature</b>	-40°C to +90°C
<b>Environmental</b>	Meets standards for UL 94V-0
<b>Hazardous Materials</b>	RoHS Compliant

**Pictures of the Antenna**

