

## WPANTDP092-R1A

### 900 MHz ISM band Directional Panel Antenna



#### Description / Application

This is a high gain Directional Panel antenna that operates in the 900 MHz ISM band. It comes with an SMA connector. The antenna can be customized with different connectors.

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>	902 – 928 MHz
<b>Approximate Antenna Impedance [<math>\Omega</math>]</b>	50 $\Omega$
<b>VSWR – Typical</b>	< 2:1
<b>Peak Gain [dBi] (Typical)</b>	9 dBi
<b>Polarization</b>	Circular
<b>Pattern</b>	Directional (> 15 dB front-to-back ratio)
<b>Accepted Power [W] (Max)</b>	100 Watts

#### Mechanical / Environmental Properties

<b>Antenna Dimensions</b>	11" X 11" X 1.4" (278mm X 278mm X 35mm)
<b>Antenna Color</b>	White
<b>Connector</b>	SMA
<b>Mounting Kit</b>	L Bracket & U Bolts
<b>Mounting Mast Diameter</b>	1.6" – 2" (40 – 50 mm)
<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**

