

## WPANT30150

### 2.4 GHz Wi-Fi Omni-directional Antenna



WPANT30150-S1A

Type-N Male connector

*Note: Different connector style requests can be accommodated.*

### Application

4 dBi True Omni-directional antenna that can be used by any repeater system in the 2.4 GHz band in order to maximize the coverage radius. It has a perfect donut shaped 3D radiation pattern. The antenna is at DC ground to ensure protection against lightning.

We specialize in developing customized Antenna solutions. Please contact [sales@worldproducts.com](mailto:sales@worldproducts.com) with your requirements.

### Electrical Properties

<b>Operating Frequency</b>	2.4 – 2.5 GHz
<b>Approximate Antenna Impedance [<math>\Omega</math>]</b>	50 $\Omega$
<b>VSWR (Typical)</b>	< 2:1
<b>Peak Gain [dBi] (Typical)</b>	3 to 4 dBi
<b>Efficiency [%] (Typical)</b>	80 %
<b>Polarization</b>	Linear (Vertical)
<b>Pattern</b>	Omni-directional
<b>Lightning Protection</b>	DC ground

### Mechanical / Environmental Properties

<b>Antenna Dimensions</b>	8.6" Height x 2.72" Base Width (220mm x 70mm)
<b>Antenna Color</b>	Cool Grey
<b>Antenna Radome</b>	Polycarbonate + ABS
<b>Metal Base</b>	Anodized Aluminum
<b>Operating / Storage Temperature</b>	-40°C to +125°C
<b>Environmental</b>	Salt Spray resistant, Water Ingress resistant, UV Resistant, Ageing Resistant, Meets standards for UL 94V-0
<b>Hazardous Materials</b>	RoHS Compliant
<b>Packaging</b>	Meets ISTA2A standards

Picture



3D Radiation Pattern at 2400 MHz

