

## WPANT30054-RA

### 3.5 GHz WiMAX Omni-Directional Antenna



#### Description / Application

This is a high gain Omni-directional antenna that operates in the 3.5 GHz WiMAX band. It comes with a Type-N female connector. The antenna is at DC ground to ensure protection against lightning.

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>	3.35 – 3.6 GHz
<b>Approximate Antenna Impedance [<math>\Omega</math>]</b>	50 $\Omega$
<b>VSWR – Typical</b>	< 2:1
<b>Peak Gain [dBi] (Typical)</b>	11 dBi
<b>Polarization</b>	Vertical
<b>Pattern</b>	Omni-Directional
<b>Accepted Power [W] (Max)</b>	150 Watts
<b>Lightning Protection</b>	DC ground

#### Mechanical / Environmental Properties

<b>Antenna Dimensions</b>	27.56" X 2.3" (700mm X 58mm)
<b>Antenna Color</b>	White
<b>Connector</b>	Type-N Female
<b>Antenna Radome</b>	Fiberglass
<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**

