

## WPANT30319-R1A

### 3G / 4G Log Periodic Antenna



### Description / Application

3G / 4G High Gain Directional Pole / Wall mount antenna. It comes with a 1 foot long RG58 cable and 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>	698 – 960 MHz	1710 – 2700 MHz
<b>Approximate Antenna Impedance [<math>\Omega</math>]</b>	50 $\Omega$	50 $\Omega$
<b>VSWR – Typical</b>	< 2:1	< 2:1
<b>Peak Gain [dBi] (Typical)*</b>	6 dBi	8 dBi
<b>Polarization</b>	Vertical or Horizontal	Vertical or Horizontal
<b>Pattern</b>	Directional (23 dB front-to-back ratio)	Directional (23 dB front-to-back ratio)
<b>Accepted Power [W] (Max)</b>	50 Watts	50 Watts
<b>Lightning Protection</b>	DC ground	DC ground

\*Note: Testing was conducted with a 3 meter long cable in order to simulate the real world use case scenario.

### Mechanical / Environmental Properties

<b>Antenna Dimensions</b>	16.1" X 8.27" X 2.6" (410mm X 210mm X 65mm)
<b>Antenna Color</b>	White
<b>Cable</b>	11.8" long RG58 (WHITE)
<b>Connector</b>	Type-N Female
<b>Antenna Radome</b>	ABS
<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



Actual mounting hardware