

## WPANT10017

### 802.11 a/b/g/n Dual-band Wi-Fi Antenna



WPANT10017-SA

16.3" micro co-ax with IPX MHF

WPANT10017-S2A

8" micro co-ax with IPX MHF

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

### Application

Plug and play dual-band Wi-Fi embedded antenna solution.

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

### Electrical Properties

<b>Operating Frequency</b>	2.4 – 2.5 GHz	4.9 – 5.85 GHz
<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>	3 dBi	1 dBi
<b>Efficiency [%] (Typical)</b>	65 %	70 %
<b>Polarization</b>	Linear	Linear
<b>Pattern</b>	Near Omni-directional	Near Omni-directional

### Mechanical / Environmental Properties

<b>Antenna Dimensions</b>	1.6" x 1.0" x 0.031" (40mm x 25mm x 0.8mm)
<b>Antenna Color</b>	Green
<b>Operating / Storage Temperature</b>	-40°C to +125°C
<b>Environmental</b>	Meets standards for UL 94V-0
<b>Hazardous Materials</b>	RoHS Compliant

## Pictures



VSWR

CH1 S11 SWR 1 / REF 1 4: 2.1071 5.850 000 000 GHz

\*  
Del  
Cor

CH1 Markers  
1: 1.6028  
2.40000 GHz  
2: 1.4097  
2.50000 GHz  
3: 1.9114  
4.90000 GHz

