

## WPANT10062

### Dual-band Wi-Fi / WLAN Antenna



WPANT10062-S3A

4.6" micro co-ax with IPX MHF connector

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

### Application

A compact plug and play antenna for wireless devices operating at 2.4 GHz and 5 GHz Wi-Fi / WLAN frequencies. This antenna works very efficiently in close proximity to metallic surfaces.

We can assist your engineers to optimize mounting positions for these antennas in your specific application and can further assist to trouble shoot system integration issues such as TRP/TIS and FCC requirements. 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 – 5.9 GHz
<b>Approximate Antenna Impedance [<math>\Omega</math>]</b>	50 $\Omega$	50 $\Omega$
<b>VSWR (Typical)*</b>	< 1.5:1	< 1.5:1
<b>Peak Gain [dBi] (Typical)</b>	2 dBi	3 dBi
<b>Efficiency [%] (Typical)</b>	45%	50%
<b>Polarization</b>	Linear	Linear
<b>Pattern</b>	Near Omni-directional	Near Omni-directional

\*Note: This performance metric varies according to the device environment in which the antenna is installed.

### Mechanical / Environmental Properties

<b>Antenna Dimensions</b>	2.3" x 0.24" x 0.031" (59mm x 6mm x 0.78mm)
<b>Antenna Color</b>	Black
<b>Tape</b>	15 mils thick 3M 4920 VHB double stick tape
<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

Picture

