

WPANT10010

Wi-Fi / ZigBee / WLAN Dual-band Miniature Antenna



<u>WPANT10010-S1A</u>	8" micro co-ax with IPX MHF connector
<u>WPANT10010-S2A</u>	8" micro co-ax with RA MMCX male
<u>WPANT10010-S3A</u>	7" micro co-ax with RP SMA male
<u>WPANT10010-S4A</u>	10" micro co-ax with IPX MHF4

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

Application

This plug and play compact antenna is a very convenient solution to transmit or receive dual-band Wi-Fi signals. This antenna can also be mounted on metallic surfaces with little sacrifice in performance.

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 with your specific application requirements.

Electrical Properties

Operating Frequency	2.4 – 2.5 GHz	4.9 – 5.9 GHz
Approximate Antenna Impedance [Ω]	50 Ω	50 Ω
VSWR (Typical)	< 2:1	< 2.5:1
Peak Gain [dBi] (Typical)	4 dBi	3 dBi
Efficiency [%] (Typical)	65 %	60 %
Polarization	Linear	Linear
Pattern	Near Omni-directional	Near Omni-directional

Mechanical / Environmental Properties

Antenna Dimensions	1.7" x 0.8" x 0.26" (Including 3M tape thickness)
Antenna Color	Black
Tape	45 mils 3M VHB double stick
Operating / Storage Temperature	-40°C to +90°C
Environmental	Meets standards for UL 94V-0
Hazardous Materials	RoHS Compliant

Pictures

