

WPANT10043

Wi-Fi / ZigBee / WLAN Antenna



<u>WPANT10043-C1A</u>	4" micro co-ax with IPX MHF connector
<u>WPANT10043-C2A</u>	10" micro co-ax with IPX MHF connector
<u>WPANT10043-C2A</u>	10" micro co-ax with IPX MHF4
<u>WPANT10043-C4A</u>	8" micro co-ax with RA MMCX male

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

Application

A self-adhesive plug and play antenna for wireless devices operating at 2.4 GHz and 5 GHz Wi-Fi / WLAN frequencies.

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)	2 dBi	4 dBi
Efficiency [%] (Typical)	65 %	70 %
Polarization	Linear	Linear
Pattern	Near Omni-directional	Near Omni-directional

Mechanical / Environmental Properties

Antenna Dimensions	1.5" x 0.4" x 0.031"
Antenna Color	Black
Tape	15 mils thick 3M VHB 4920 double stick
Operating / Storage Temperature	-40°C to +125°C
Environmental	Meets standards for UL 94V-0
Hazardous Materials	RoHS Compliant

Pictures

