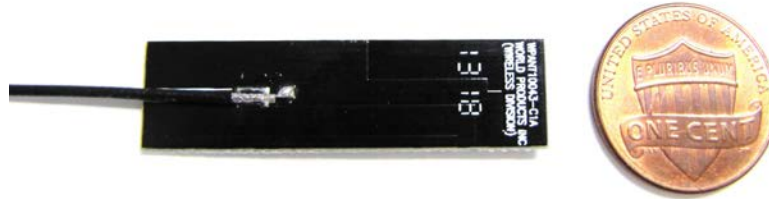


WPANT10043-C1A

Dual-band Wi-Fi / BT / Zigbee Antenna



Description / Application

This dual-band Wi-Fi antenna has a very thin & sleek profile, and can easily be installed inside any wireless device. Good efficiency and ease of integration make this an ideal choice for applications where space is a constraint. This antenna works very efficiently on any non-metallic surface.

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
Cable	3.95" long 1.13mm OD Micro Coax
Connector	IPX / Hirose equivalent
Operating / Storage Temperature	-40°C to +90°C
Environmental	Meets standards for UL 94V-0
Hazardous Materials	RoHS Compliant

Pictures of the Antenna

