

WPANT10096

Vertically Polarized Wi-Fi Embedded Antenna



WPANT10096-S1A

4" micro co-ax with IPX MHF

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

Application

This is a plug and play **Vertically Polarized** Omnidirectional 5 GHz Wi-Fi antenna solution for applications where space is a constraint.

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	4.9 – 5.9 GHz
Approximate Antenna Impedance [Ω]	50 Ω
VSWR (Typical)	< 2:1
Peak Gain [dBi] (Typical)	4 to 5 dBi
Efficiency [%] (Typical)	80 %
Polarization	Linear (Vertical)
Pattern	Omni-directional

Mechanical / Environmental Properties

Antenna Dimensions	0.63" x 0.28" x 0.041" (16mm x 7mm x 1mm)
Antenna Color	Black
Tape	15 mils thick 3M VHB 4920 double stick
Operating / Storage Temperature	-40°C to +85°C
Environmental	Meets standards for UL 94V-0
Hazardous Materials	RoHS Compliant

Pictures

