

WPANT10042

Wi-Fi Embedded Antenna



WPANT10042-S1B

3" micro co-ax with IPX MHF

WPANT10042-S2A

4.7" micro co-ax with IPX MHF

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

Application

A self-adhesive plug and play antenna for wireless devices at Wi-Fi 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
Approximate Antenna Impedance [Ω]	50 Ω
VSWR (Typical)	< 2:1
Peak Gain [dBi] (Typical)	4 dBi
Polarization	Linear
Pattern	Near Omni-directional

Mechanical / Environmental Properties

Antenna Dimensions	0.24" x 1.52" x 0.047" (including 3M tape thickness)
Antenna Color	Black
Tape	15 mils thick 3M 4920 VHB Double Stick
Operating / Storage Temperature	-40°C to +125°C
Environmental	Meets standards for UL 94V-0
Hazardous Materials	RoHS Compliant

Pictures

