

WPANT10088

2.4 GHz Wi-Fi Embedded Antenna



WPANT10088-S1A

8" micro co-ax** with SMA Female

WPANT10088-S2A

1.8" 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. This low-profile antenna is designed to perform efficiently especially when installed on metallic surfaces.

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)	2 dBi
Efficiency [%] (Typical)	60%
Polarization	Linear
Pattern	Directional (Patch style)

Mechanical / Environmental Properties

Antenna Dimensions	1.8" x 0.7" x 0.152" including 3M tape thickness (45mm x 18mm x 3.9mm)
Antenna Color	Black
Tape	2.3mm thick 3M 4991 VHB Double-stick
Operating / Storage Temperature	-40°C to +125°C
Environmental	Meets standards for UL 94V-0
Hazardous Materials	RoHS Compliant

**Cable length is measured from the edge of PCB to the end of connector.

Pictures

