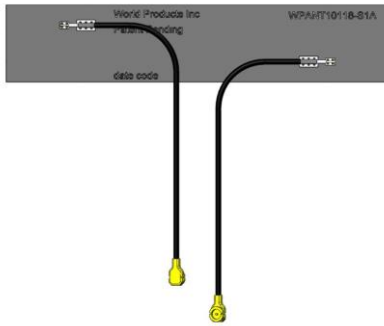


WPANT10118

Dual-band Wi-Fi MIMO Antenna



WPANT10118-S1A

125 mm long, 1.13 mm micro co-ax cable with IPX MHF connector

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

Application

Flexible plug and play antenna for wireless devices operating at 2.4 GHz and 5 GHz Wi-Fi / WLAN frequencies. This antenna works very well 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 troubleshoot 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

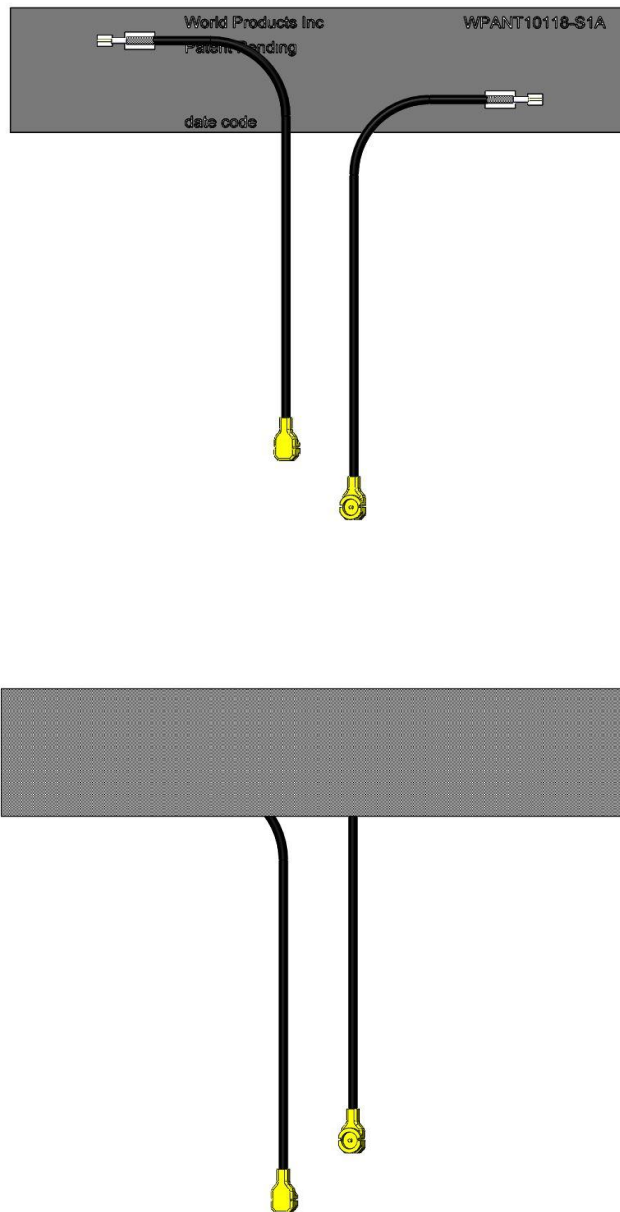
Operating Frequency	2.4 – 2.5 GHz	4.9 – 5.9 GHz
Approximate Antenna Impedance [Ω]	50 Ω	50 Ω
VSWR (Typical)*	< 2:1	< 2:1
Peak Gain [dBi] (Typical)*	1-2 dBi	2-3 dBi
Efficiency [%] (Typical)*	70 %	70 %
Polarization	Linear	Linear
Pattern	Omni-directional	Omni-directional

***Note:** These performance metrics will vary depending on the position of the antenna within a given wireless device, and the antenna integration optimization.

Mechanical / Environmental Properties

Antenna Dimensions	3.228" x 0.638" x 0.041" (82mm x 16.5mm x 1.05mm)
Antenna Color	Black
Operating / Storage Temperature	-40°C to +90°C
Environmental	Meets standards for UL 94V-0
Hazardous Materials	RoHS Compliant

Pictures (Front and Back view)



Total Radiation Efficiency (%)

