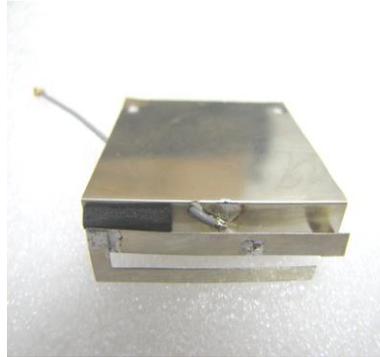


WPANT10022-C2D

915 MHz PIFA Antenna



Description / Application

This stamped metal PIFA Antenna can be installed inside any wireless device. It is a surface independent antenna, in the sense it will work the same whether it is installed on a metallic or a non-metallic surface. It comes with a 3.15" long standard 1.32mm OD Micro Co-ax cable and IPX / Hirose equivalent connector.

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

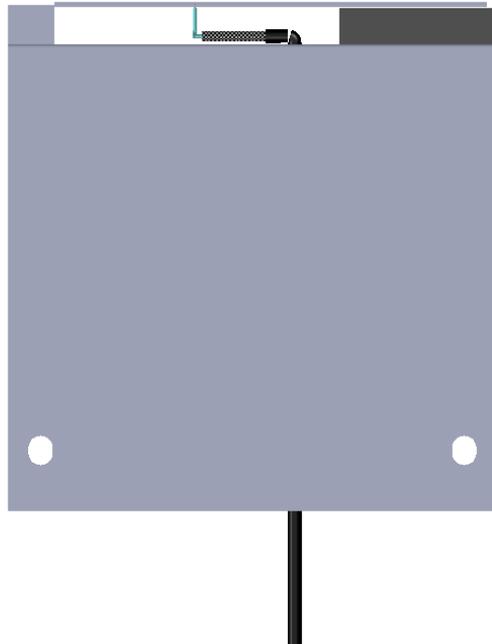
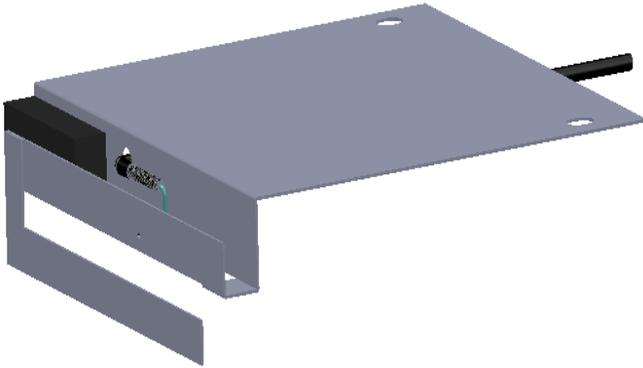
Operating Frequency	900 – 930 MHz
Approximate Antenna Impedance [Ω]	50 Ω
VSWR – Typical	< 2:1
Peak Gain [dBi] (Typical)	<i>Device and Application dependent</i>
Efficiency [%] (Typical)	<i>Device and Application dependent</i>
Polarization	Linear
Pattern	Omni-directional

Note: The above mentioned performance metrics were recorded with the antenna embedded inside the client's device.

Mechanical / Environmental Properties

Antenna Dimensions	1.9" X 1.8" X 0.6" (47.75mm X 46.5mm X 14.5mm)
Antenna Color	Silver
Cable	3.15" long 1.32mm OD Micro Co-ax
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 (3D Drawing)



VSWR of the Antenna

