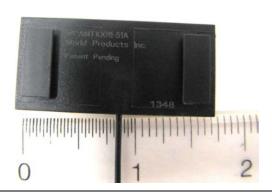
19654 Eighth Street East P.O. Box 517 Sonoma, CA 95476 (707) 996.5201 www.worldproducts.com sales@worldproducts.com

## **WPANT10011-S1B**

## ISM Dual-band Miniature Antenna



## **Description / Application**

This is an ISM dual-band, low-profile miniature antenna. It can be mounted on any non-metallic surface to achieve optimal performance. This can also be mounted on metallic surfaces with little sacrifice in performance. Small size and ease of integration make this an ideal choice for applications where space is a constraint. This antenna has two installation options: standard 3M double stick tape on one side and slide-and-fit on the other side. Standard cable is 3 feet long 1.32mm U.FL with SMA Male 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 <a href="mailto:sales@worldproducts.com">sales@worldproducts.com</a> with your specific application requirements.

Electrical Properties		
Operating Frequency	900 – 930 MHz	2.4 – 2.5 GHz
Approximate Antenna Impedance $[\Omega]$	50Ω	50Ω
VSWR - Typical	< 2:1	< 2:1
Peak Gain [dBi] (Typical)	~ 2 dBi	~ 3 dBi
Efficiency [%] (Typical)	~ 55%	~ 65%
Polarization	Linear	Linear
Pattern	Near Omni Directional	Near Omni Directional

Mechanical / Environmental Properties		
Antenna Dimensions	1.7" X 0.8" X 0.26" (Including 3M tape thickness)	
Antenna Color	Black	
Cable	3 feet long 1.32mm dia micro coax	
Connector	Straight SMA Male	
Таре	45 mils 3M VHB double stick	
Operating / Storage Temperature	-40°C to +90°C	
Environmental	Meets standards for UL 94V-0	
Hazardous Materials	RoHS Compliant	

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