WORLD PRODUCTS INC.

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

WPANT10058

ISM 900 MHz Miniature Antenna



WPANT10058-S1B *6" micro co-ax with IPX MHF*

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

Application

This plug and play compact antenna is a very convenient solution to transmit or receive 900 MHz ISM signals. This antenna can also be mounted on metallic surfaces with little sacrifice in performance.

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	900 – 930 MHz
Approximate Antenna Impedance [Ω]	50Ω
VSWR (Typical)	< 2:1
Peak Gain [dBi] (Typical)	2 dBi
Efficiency [%] (Typical)	55%
Polarization	Linear
Pattern	Near Omni-directional

Mechanical / Environmental Properties

Antenna Dimensions	1.7'' x 0.8'' x 0.26'' (Including 3M tape thickness)
Antenna Color	Black
Tape	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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Pictures



