

WPANTDP082-S1A

870 / 915 MHz ISM band Body-mount Antenna

Picture of the Antenna (3D Model)



Description / Application

This is a Wideband, Outdoor rated antenna that operates in the 870 / 915 MHz ISM band. It can be configured with different cable and connector styles. Standard cable is 0.5 meter long RG316 with Right Angle SMA male connector. This antenna is at DC ground for lightning protection.

WP Wireless 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. WP Wireless specializes in developing customized Antenna solutions. Please contact sales@worldproducts.com with your specific application requirements.

Electrical Properties

Operating Frequency	860 – 960 MHz
Approximate Antenna Impedance [Ω]	50 Ω
VSWR - Typical	< 2:1
Peak Gain [dBi] (Typical)	~ 2 dBi
Efficiency [%] (Typical)	~ 70%
Polarization	Linear
Pattern	Omni-directional
Accepted Power [W] (Max)	2 Watts
Lightning Protection	DC ground

Mechanical / Environmental Properties

Antenna Dimensions	4.0" X 1.38" (dia)
Antenna Color	Grey
Cable Type	RG316
Cable Length	0.5 meter
Connector	Right Angle SMA Male
Operating / Storage Temperature	-40°C to +90°C
Environmental	Salt Spray Resistant, Water Ingress Resistant, UV Resistant, Ageing Resistant, Meets standards for UL 94V-0
Hazardous Materials	RoHS Compliant

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