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## WPANT30069-S1A

## 2.4 GHz & 5 GHz Wi-Fi Dual-band Body-mount Antenna



## **Description / Application**

This is a Dual-Band Wi-Fi / WLAN Body mount antenna. It is surface independent, which means it performs efficiently on metallic as well as non-metallic surfaces. Standard cable is 1.32mm Micro Co-ax U.FL and connector is IPX / Hirose equivalent.

Please contact <a href="mailto:sales@worldproducts.com">sales@worldproducts.com</a> with your specific application requirements.

Electrical Properties		
Operating Frequency	2.4 – 2.5 GHz	4.9 – 5.9 GHz
Approximate Antenna Impedance [Ω]	50Ω	50Ω
VSWR – Typical	< 2:1	< 2:1
Peak Gain [dBi] (Typical)	3 dBi	4.5 dBi
Efficiency [%] (Typical)	60 %	70 %
Polarization	Linear	Linear
Pattern	Near Omni-directional	Near Omni-directional
Accepted Power [W] (Max)	2 Watts	2 Watts

Mechanical / Environmental Properties		
Antenna Dimensions	1.5" Height** X 1.3" Base Dia (38mm X 32.3mm)	
Antenna Color	Black	
Cable	5.9" long 1.32mm dia Micro Co-ax U.FL	
Connector	IPX / Hirose equivalent	
Таре	Standard 3M 4920 double stick	
External Bottom Gasket Material	Standard 3M 6208 foam	
Nut	Standard Nylon M12	
Torque for the Nut	1.2	
Antenna Plastic Radome	ABS + Polycarbonate	
Operating / Storage Temperature	-40°C to +90°C	
Environmental (for the complete antenna assembly, including the external foam gasket)	Salt Spray Resistant, Water Ingress Resistant, UV Resistant, Ageing Resistant, Meets standards for UL 94V-0 This antenna is built in accordance with: IP 67,66,65 NEMA 250-2008 ASTM G 85-2009 ASTM G 154-2006	
Hazardous Materials	RoHS Compliant	

<sup>\*\*</sup>Height includes the 3M tape & foam gasket thickness.

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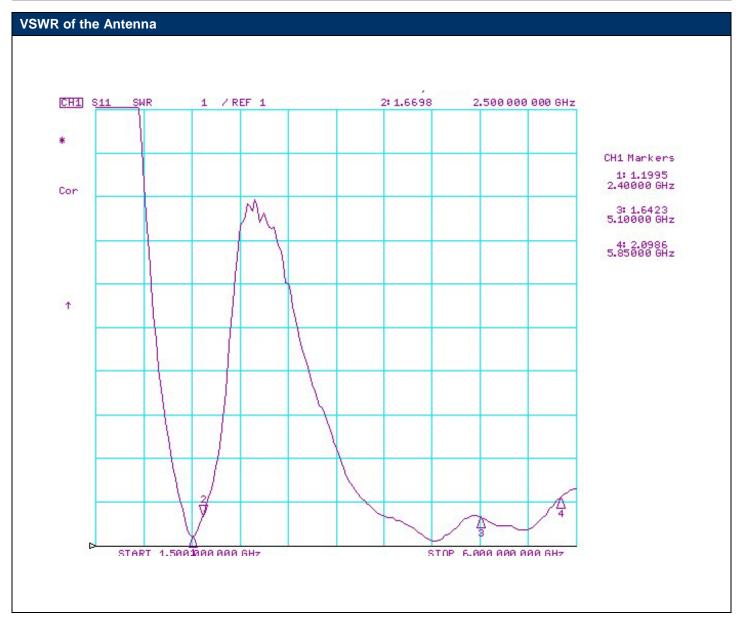


## **Pictures of the Antenna**



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