

## WPANT30169

### Body-mount Antenna – Wi-Fi / WLAN Dual-band



WPANT30169-S2B

25" RG178 with RP-SMA Male connector

WPANT30169-S3B

6" RG178 with RP-SMA Male connector

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

### Application

This dual-band Wi-Fi / WLAN body-mount antenna is surface independent, which means that it performs efficiently on metallic as well as non-metallic surfaces.

We specialize in developing customized Antenna solutions. Please contact [sales@worldproducts.com](mailto:sales@worldproducts.com) with your requirements.

### Electrical Properties

<b>Operating Frequency</b>	2.4 – 2.5 GHz	4.9 – 5.9 GHz
<b>Approximate Antenna Impedance [Ω]</b>	50Ω	50Ω
<b>VSWR (Typical)</b>	< 2:1	< 2:1
<b>Peak Gain [dBi] (Typical)</b>	1.5 to 3 dBi	2.5 to 3.5 dBi
<b>Efficiency [%] (Typical)</b>	60%	70%
<b>Polarization</b>	Linear	Linear
<b>Pattern</b>	Near Omni-directional	Near Omni-directional

### Mechanical / Environmental Properties

<b>Antenna Dimensions</b>	1.5" Height** x 1.3" Base dia (38mm x 32.3mm)
<b>Antenna Color</b>	Grey
<b>Antenna Radome</b>	ABS + Polycarbonate
<b>Tape</b>	Standard 3M 4920 double stick
<b>External Bottom Gasket Material</b>	Standard 3M 6208 foam
<b>Nut</b>	Standard Nylon M12
<b>Torque for the Nut</b>	1.2
<b>Operating / Storage Temperature</b>	-40°C to +125°C
<b>Environmental (for the complete antenna assembly, including the external foam gasket)</b>	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
<b>Hazardous Materials</b>	RoHS Compliant

\*\*Height includes the 3M tape & foam gasket thickness.

Picture

