

WPANT10045

3G Cellular & Wi-Fi Embedded Antenna



WPANT10045-C1A

2.24" micro co-ax with IPX MHF

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

Application

This is a self-adhesive plug and play solution for wireless devices, especially in the smart meter industry.

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 sales@worldproducts.com with your specific application requirements.

Electrical Properties

Operating Frequency	824 – 894 MHz	1850 – 1990 MHz	2.4 – 2.5 GHz
Approximate Antenna Impedance [Ω]	50 Ω	50 Ω	50 Ω
VSWR (Typical)	< 2:1	< 2:1	< 2:1
Peak Gain [dBi] (Typical)	0.5 dBi	2 dBi	2 dBi
Efficiency [%] (Typical)	55 %	60 %	60 %
Polarization	Linear		
Pattern	Omni Directional		

Mechanical / Environmental Properties

Antenna Dimensions	3.3" x 0.4" x 0.062" (84.6mm x 10.2mm x 1.6mm)
Antenna Color	Navy Blue
Tape	0.13mm thick 3M 9469 double stick
Operating / Storage Temperature	-40°C to +125°C
Environmental	Meets standards for UL 94V-0
Hazardous Materials	RoHS Compliant

Pictures



FRONT SIDE



BACK SIDE