

## WPANT10016

### 860 / 915 MHz ISM Band and GSM Embedded Antenna



WPANT10016-CB

8" micro co-ax with IPX MHF

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

### Application

This ISM band antenna is best suited for applications where the embedded antenna needs to portray high levels of Omni-directionality. This antenna has impressive efficiency in excess of 80% across the band.

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

### Electrical Properties

<b>Operating Frequency</b>	860 – 960 MHz
<b>Approximate Antenna Impedance [<math>\Omega</math>]</b>	50 $\Omega$
<b>VSWR (Typical)</b>	< 2:1
<b>Peak Gain [dBi] (Typical)</b>	2.5 dBi
<b>Efficiency [%] (Typical)</b>	85 %
<b>Polarization</b>	Linear
<b>Pattern</b>	Omni-directional

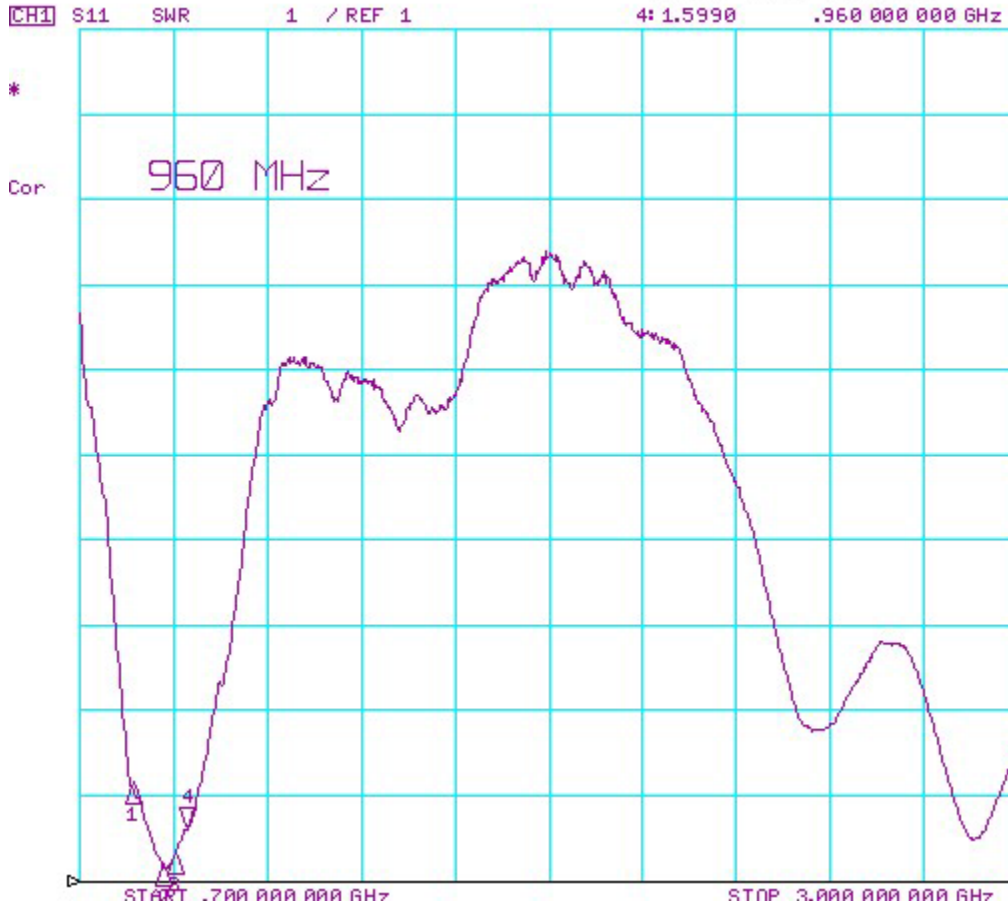
### Mechanical / Environmental Properties

<b>Antenna Dimensions</b>	5.1" x 0.3" x 0.031" (128.5mm x 8mm x 0.8mm)
<b>Antenna Color</b>	White
<b>Tape</b>	15 mils thick 3M 4920 double stick
<b>Operating / Storage Temperature</b>	-40°C to +125°C
<b>Environmental</b>	Meets standards for UL 94V-0
<b>Hazardous Materials</b>	RoHS Compliant

Pictures



VSWR



CH1 Markers

1:	2.1149	824.000 MHz
2:	1.1701	902.000 MHz
3:	1.2741	928.000 MHz