

# UWB Wearable Antenna, Enhanced Gain, 3 – 10 GHz



## Features

- 3 - 10 GHz wearable antenna
- Waterproof cover
- Flexible material
- Unobtrusive – does not hinder vision or movement
- Small and lightweight
- Can be integrated with
  - Helmet
  - Tactical Vest

## Characteristics

<b>Model Number</b>	<b>BW-3000-10000-EG</b>
<b>Frequency</b>	3 – 10 GHz
<b>Gain†</b>	5.5 dBi @ 3 GHz 8.2 dBi @ 6 GHz 6.3 dBi @ 9 GHz
<b>Pattern</b>	Near omni
<b>Polarization</b>	Vertical
<b>VSWR†</b>	< 2:1
<b>Size</b>	4.5" × 4.25" × 0.4"
<b>Cable Length</b>	16.5"
<b>Weight</b>	2 oz
<b>Connector Type*</b>	SMA Male

†Measurements done on phantom as surrogate body.

\*Alternate connectors available.

## How to Buy

Standard Configuration: **BW-3000-10000-EG**

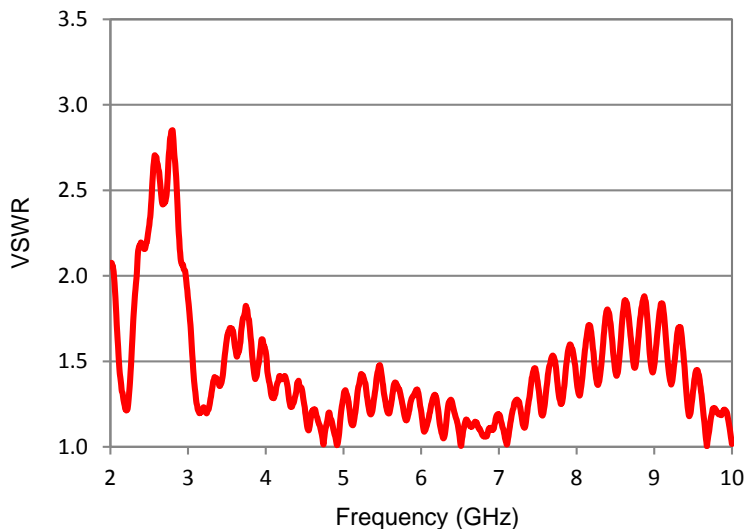
Configurations: **BW-3000-10000-EG-x**

Model \_\_\_\_\_

Configuration \_\_\_\_\_

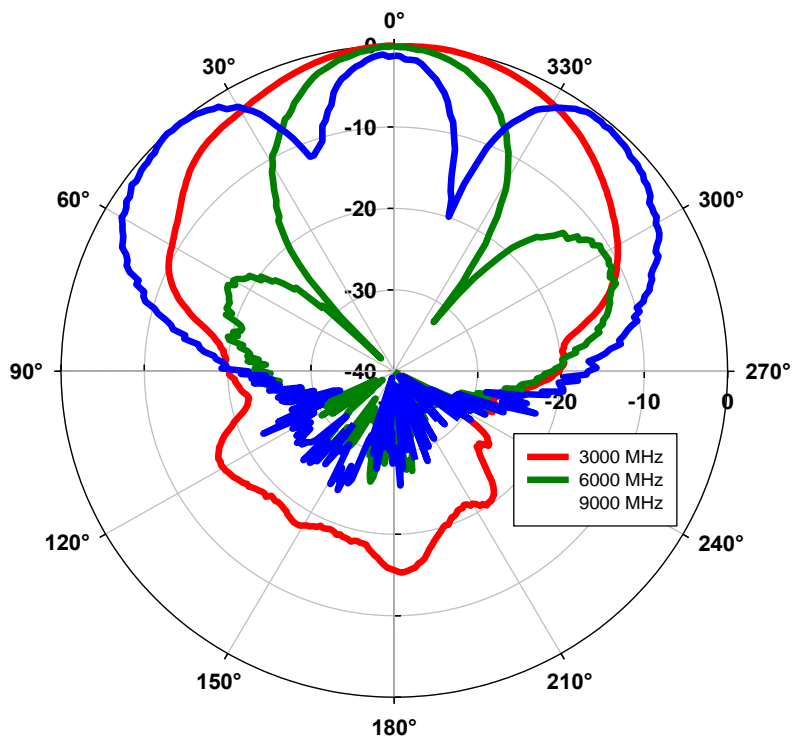
D= Diversity

## VSWR†

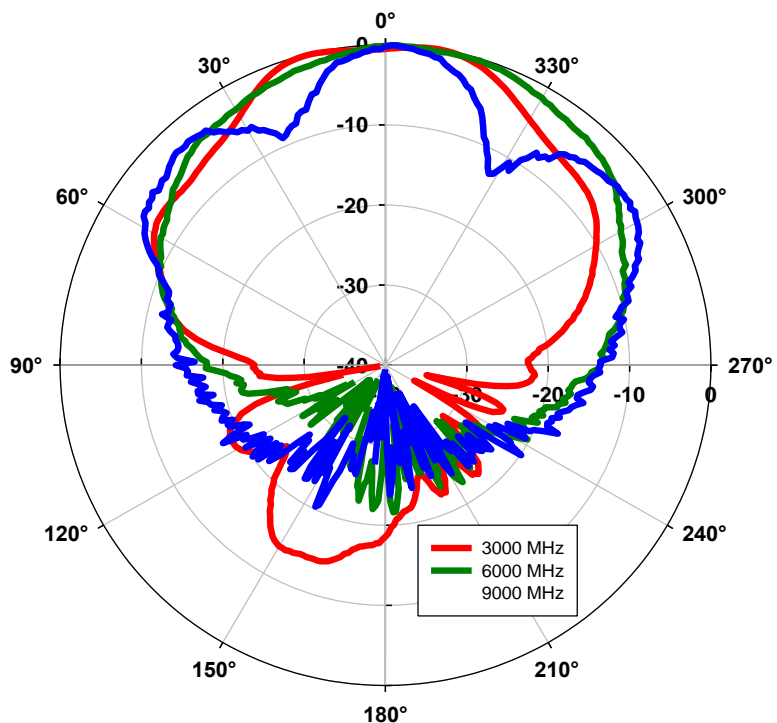


# Radiation Patterns†

## Azimuth Patterns



## Elevation Patterns



This antenna is intended for occupational use only and has been designed to comply with the IEEE (FCC) exposure limits for occupational/controlled RF exposure environments.

**octane** is a division of Pharad, LLC. Octane is a registered trademark of Pharad, LLC. Specifications subject to change without notice.

1340 Charwood Road, Suite L • Hanover, MD 21076 • phone 410-590-3333 • email [info@pharad.com](mailto:info@pharad.com)  
[www.pharad.com](http://www.pharad.com)