

# Iridium Wearable Antenna



Model Shown: BW-1616-1627

## Features

- 1616-1626.5 MHz iridium wearable antenna
- Optimized for body worn Iridium radios
- Soft, flexible waterproof textile covering
- Other connectors available
- Diversity model available

## Characteristics

<b>Model Number</b>	<b>BW-1616-1627</b>
<b>Frequency</b>	1616 - 1626.5 MHz
<b>Gain†</b>	5 dBc
<b>VSWR†</b>	< 2:1
<b>Pattern</b>	Hemispherical
<b>Polarization</b>	RHCP
<b>Power</b>	0.57 W
<b>Size</b>	3.5" x 3.5" x 0.4"
<b>Cable Length</b>	16.5"
<b>Weight</b>	2 oz
<b>Connector Type*</b>	SMA Male
<b>Optional Carriers</b>	MOLLE, Covert, Vest

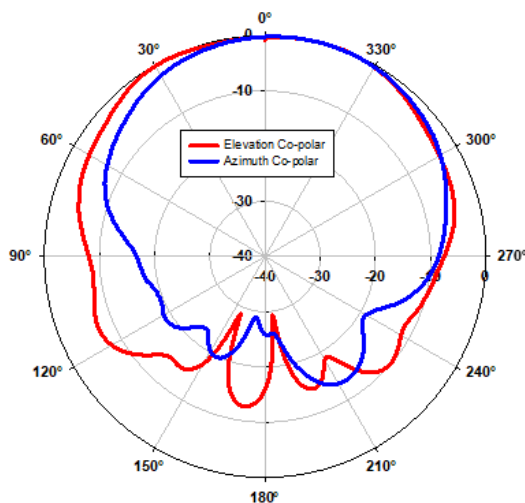
†Measured on phantom as surrogate body.

\*Alternate connectors available

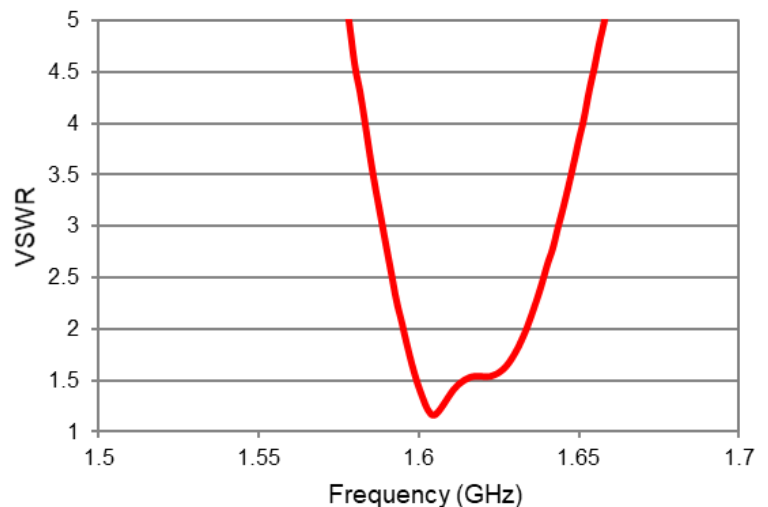


Model Shown: BW-1616-1627-D

## Radiation Patterns†



## VSWR†



This antenna is intended for occupational use only to satisfy FCC RF energy exposure requirements. This Octane Wireless antenna has been designed and tested to comply with the IEEE (FCC) exposure limits for occupational/controlled RF exposure environments and STANAG 2345 permissible exposure levels at usage factors of up to 50% talk–50% listen for Iridium radios transmitting up to 0.57 W power at 1621 MHz.