

# VHF/UHF Wearable Antenna

Model Shown: BW-30-512-M



Installation in Interceptor Vest

## Features

- 30 – 6000 MHz antenna
- Optimized for body worn VHF radios
- Easily connects to the PRC-152 and the PRC-148 radios
- Soft, flexible waterproof textile covering
- Other connectors available
- Diversity model available

## Characteristics

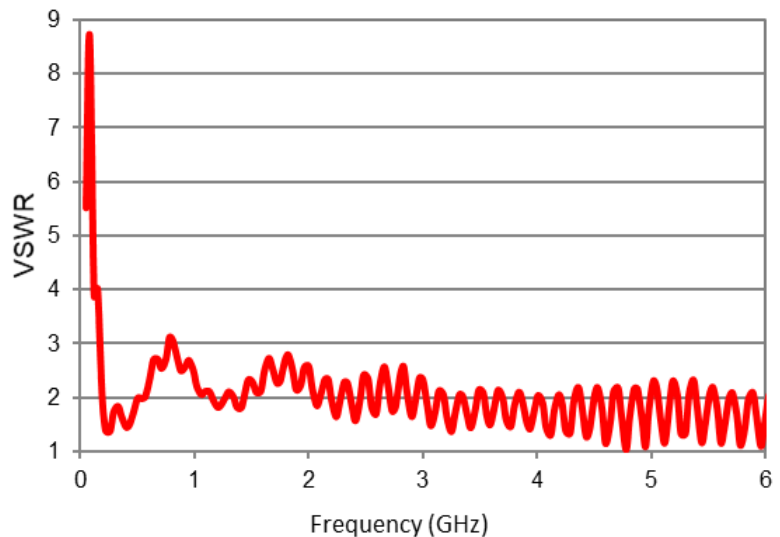
<b>Model Number</b>	<b>BW-30-512</b>
<b>Frequency</b>	30 – 6000 MHz
<b>Gain</b>	-13 dBi @ 30 MHz <sup>#</sup> -5 dBi @ 52 MHz <sup>#</sup> -2 dBi @ 108 MHz <sup>#</sup> 1 dBi @ 225 MHz <sup>†</sup> 3 dBi @ 512 MHz <sup>†</sup> 3.3 dBi @ 1200 MHz <sup>†</sup> 3.6 dBi @ 2400 MHz <sup>†</sup> 4.0 dBi @ 5800 MHz <sup>†</sup>
<b>Pattern</b>	Near Omnidirectional in Azimuth
<b>Polarization</b>	Vertical
<b>Power</b>	5 W
<b>Size</b>	14.75" × 12.00" × 0.4"
<b>Cable Length</b>	22.75"
<b>Weight</b>	10 oz
<b>Connector Type*</b>	TNC Male
<b>Optional Carriers</b>	MOLLE, Covert, Vest

<sup>†</sup>Measured on phantom as surrogate body.

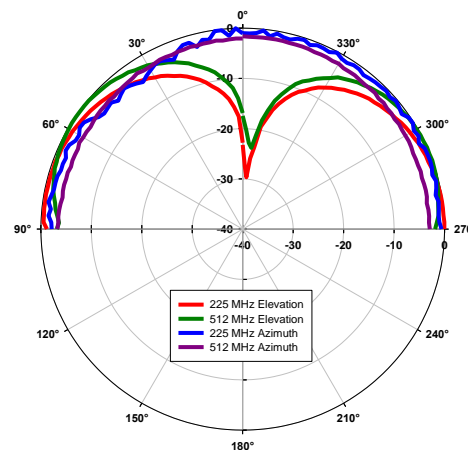
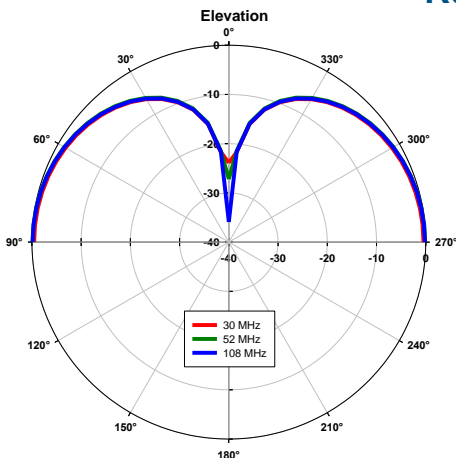
\*Alternate connectors available.

<sup>#</sup>Simulated.

## VSWR<sup>†</sup>



## Radiation 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.

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