

# VHF Wearable Antenna for IOTV



Model Shown: BW-30-512-I

## Features

- 30 – 512 MHz wearable antenna
- Sized for Large/Medium Improved Outer Tactical Vests (IOTVs)
- Wearable waterproof cover
- Flexible material
- Thin and lightweight
- Easily connects to the PRC-152 and PRC-148 radios

## Characteristics

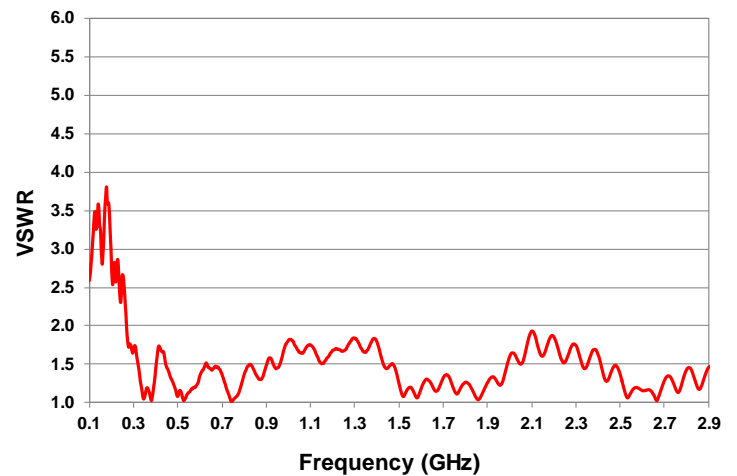
<b>Model Number</b>	<b>BW-30-512-I</b>
<b>Frequency</b>	30 – 512 MHz
<b>Gain</b>	-16 dBi @ 30 MHz <sup>#</sup> -8 dBi @ 52 MHz <sup>#</sup> -5 dBi @ 108 MHz <sup>#</sup> -1 dBi @ 225 MHz <sup>†</sup> 1 dBi @ 512 MHz <sup>†</sup>
<b>Pattern</b>	Near omni
<b>Polarization</b>	Vertical
<b>Size</b>	14.25" × 10.75" × 0.7"
<b>Cable Length</b>	37"
<b>Weight</b>	10 oz
<b>Connector Type*</b>	TNC Male

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

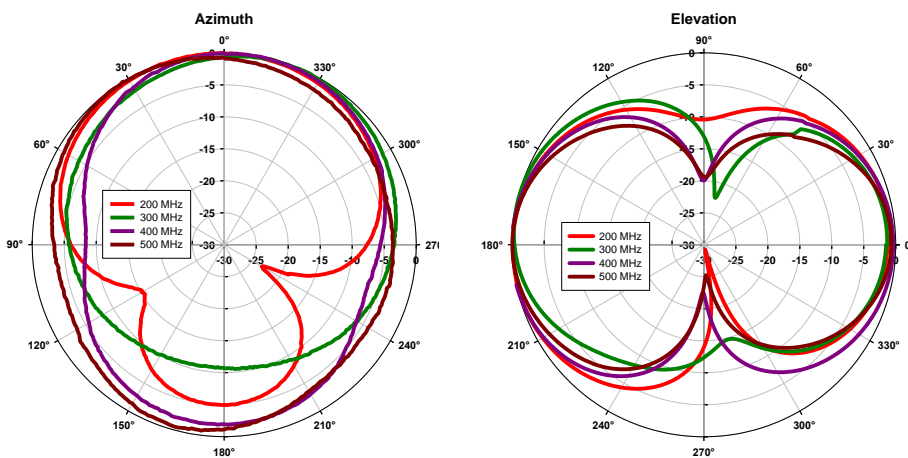
\* Alternate connectors available.

<sup>#</sup> Simulated.

## VSWR<sup>†</sup>



## Radiation Patterns<sup>†</sup>



## How to Buy

Standard Configuration: **BW-30-512-I**

Configurations: **BW-30-512-I-x**

Model \_\_\_\_\_

Configuration \_\_\_\_\_  
D= Diversity

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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