VHF/UHF Wearable Antenna

Model Shown: BW-30-512-M

Installation in Interceptor Vest

Model Number
BW-30-512

Frequency
30 – 6000 MHz

Gain
-13 dBi @ 30 MHz†
-5 dBi @ 52 MHz‡
-2 dBi @ 108 MHz‡
1 dBi @ 225 MHz†
3 dBi @ 512 MHz†
3.3 dBi @ 1200 MHz†
3.6 dBi @ 2400 MHz†
4.0 dBi @ 5800 MHz†

Pattern
Near omni

Polarization
Vertical

Size
14.75” x 12.00” x 0.4”

Cable Length
22.75”

Weight
10 oz

Connector Type
TNC Male

VSWR†

How to Buy

Standard Configuration: BW-30-512

Configurations: BW-30-512-x

Model

Option
Configuration
D= Diversity
M= with MOLLE Carrier
DM= Diversity with MOLLE Carrier
C= with Covert Carrier

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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Characteristics

<table>
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† Measured on phantom as surrogate body.
‡ Alternate connectors available.
Simulated.

Features

- 30 – 6000 MHz antenna
- Wearable waterproof cover
- Flexible material
- Thin and lightweight
- Can be integrated with
  - Tactical Vest
  - Body Armor Vest Carrier
- Easily connects to the PRC-152 and the PRC-148 radios

Radiation Patterns

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