

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

Characteristics

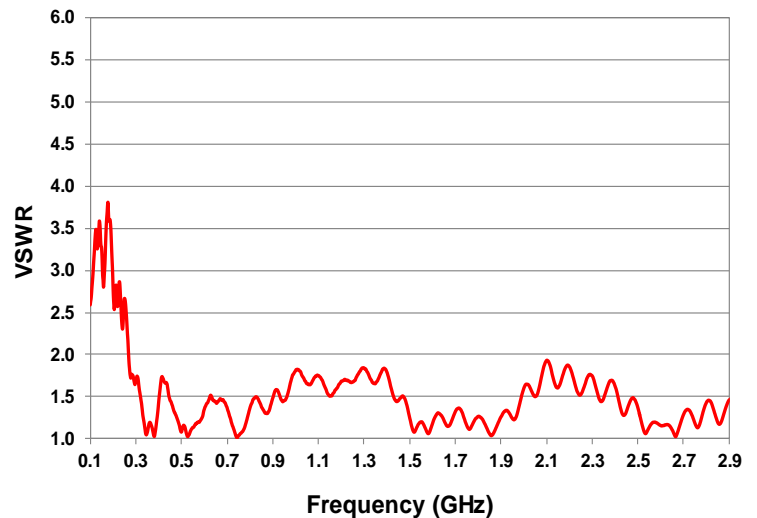
Model Number	BW-30-512-I
Frequency	30 – 512 MHz
Gain	-16 dBi @ 30 MHz [#] -8 dBi @ 52 MHz [#] -5 dBi @ 108 MHz [#] -1 dBi @ 225 MHz [†] 1 dBi @ 512 MHz [†]
Pattern	Near Omnidirectional in Azimuth
Polarization	Vertical
Power	5 W
Size	14.25" × 10.75" × 0.7"
Cable Length	37"
Weight	10 oz
Connector Type*	TNC Male
Optional Carriers	MOLLE, Covert, Vest

[†]Measured on phantom as surrogate body.

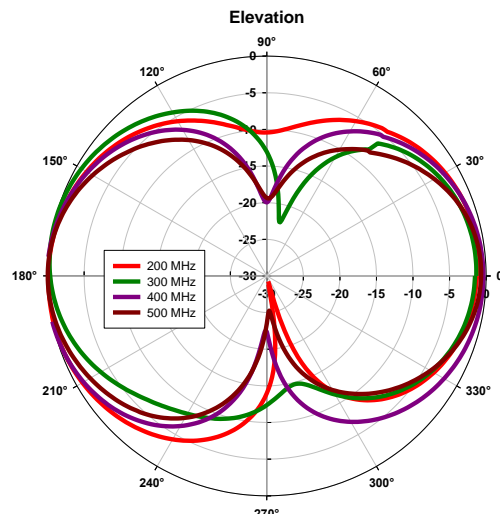
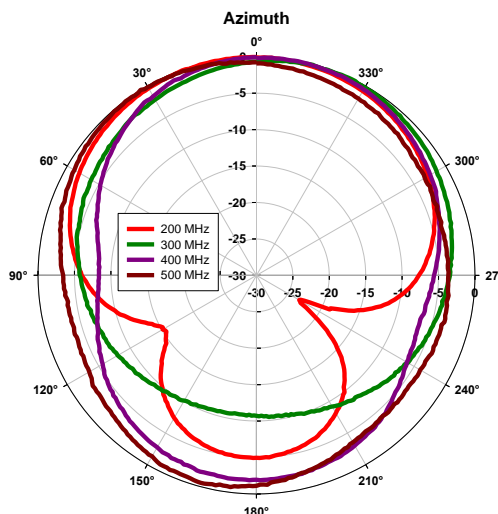
*Alternate connectors available.

[#]Simulated.

VSWR[†]



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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