

# TITAN v2

## Wideband Electronic Warfare Antenna

TMC Design's newest electronic warfare antenna, the Titan V2, offers coverage from 25 to 6000 MHz. The Titan v2 antenna is a tri-band, high-power and Omni-directional antenna with a wide bandwidth spanning nearly 6 GHz that is divided among three overlapping bands.

The antenna is designed to operate on rugged terrain vehicles, like the HMMWV, and is manufactured with a sturdy radome. This robust design makes the Titan an ideal solution for outdoor applications and harsh environments.

The Titan v2 is also conveniently attached to a SINGARS Antenna Vehicle Mount for quick and easy deployment. Customization options are available for the antenna's mating, mounting, power and color characteristics. A 25 to 2000 MHz Titan antenna is also available.

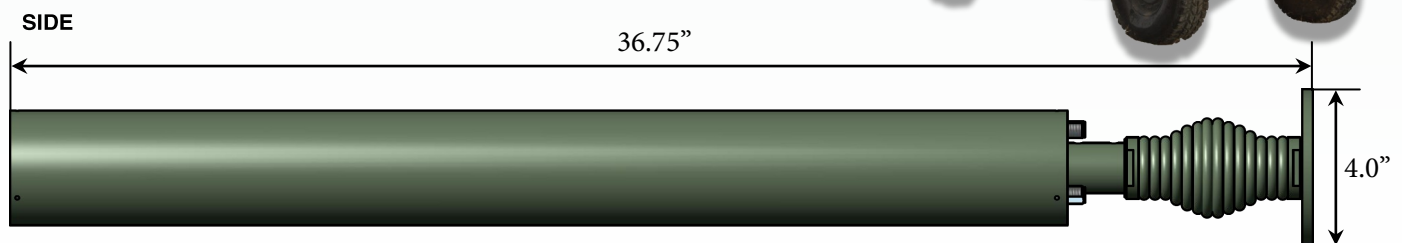


### FEATURES

- Tri-band antenna covering 20 to 6000 MHz range
- Omni-directional coverage
- Ideal for electronic warfare applications
- SINGARS mounted for quick installation on HMMWV vehicles
- Sealed in rugged radome for years of outdoor use and in vehicle applications
- Lightweight
- 20 to 2000 MHz model available (Titan v3)
- All TMC Design antennas are designed and manufactured under with the auspices of our AS9100/ISO9000-certified quality management program

### PERFORMANCE

<b>Frequency Range</b>	20 to 6000 MHz	<b>Maximum VSWR</b>	3.5:1
<b>Gain</b>	0 dB avg.	<b>Connector</b>	Type-N (female)
<b>Polarization</b>	Linear (Vertical)	<b>Diameter</b>	4.00"
<b>HPBW</b>	360° x 65°	<b>Length</b>	36.75"
<b>Maximum Power</b>	100 W, CW	<b>Weight</b>	5.25 lbs



HYBRID



OMNI DIRECTIONAL



20 TO 6000 MHZ



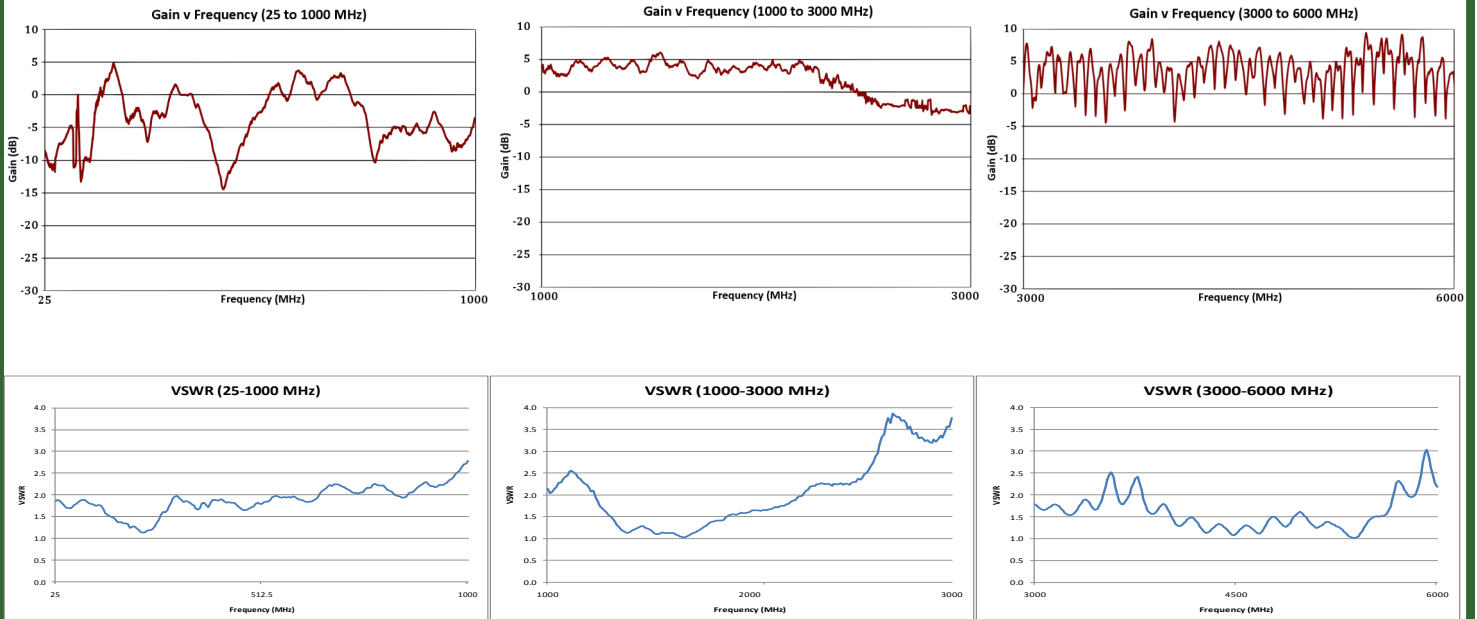
LINEAR



TMC Design Corporation

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## PERFORMANCE



## PERFORMANCE

### RF MATING OPTIONS

All TMC Design antennas can be modified to include an RF connector that best fits your application. Be sure to specify the connector that is needed or ask one of our representatives for assistance in finding an RF mating solution that will best fit your requirements. *Note that a change in an antenna's RF connector may change its power handling applications.*

### MOUNTING OPTIONS

Standard Titan v2 antennas are provided on a SINGGARS vehicle antenna mount. Antennas can be modified to be mounted in an alternate manner that best fits your requirements. Magnetic, tripod and tower mounts are among some of the options available. A tripod will best fit situations where quick-setup and temporary emplacement necessary. Other antenna towers, and solar-powered systems are useful in applications that require remote operation. Contact a TMC Design representative for assistance in choosing the

### COLOR OPTIONS



A variety of paint options are available to fulfill your coating requirements. Federal Standard 595B colors, Chemical Agent Resistant Coating (CARC) or spot color schemes are available. Contact a TMC Design representative to specify coating options (*most popular colors shown above*).

### HIGH-POWER OPTIONS

To increase range and improve reception, antennas can be modified to operate in high-power applications. *Note that changes in power specifications may affect the required RF mating end.*



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