

# TMA-44-5VT

## Tactical Mesh Antenna 4.4-4.8GHz Omni Antenna

### PRODUCT OVERVIEW

This Tactical Mesh Antenna (TMA) is designed for use in rugged and mobile wireless networking applications. TMA construction is highly durable and water resistant, while the small footprint and low profile design makes it an ideal solution for mounting on vehicles or in other space constrained applications.

Each TMA type is available in two options: 1) Standard; and 2) High Performance (HP-TMA). The standard TMA generally operates and performs in the same manner as a generic antenna with a similar gain rating, while the HP-TMA is designed to significantly increase signal coverage while maintaining the same pattern characteristics of the standard TMA.

Results may vary depending on environmental factors, interference, cable length and type, etc.

This device is available for use by United States Military or Export only.

FCC Notice: The use of all radio equipment is subject to regulations in each country. To comply with FCC part 15 rules in the United States, radio equipment must only be used in systems that have been FCC certified. It is the responsibility of the user/professional installer/operator to ensure that only approved equipment/systems are deployed.

This product is covered by one or more U.S. and foreign patents. Patents: 7,783,270, 7,379,717, 6,606,075, 6,373,448, other patents pending



Shown with optional NATO mount

### TMA-44-5VT TECHNICAL SPECIFICATIONS

<b>Operating Range</b>	4400 to 4800 MHz
<b>Operating Temp</b>	-40F (-40C) to +158F (70C)
<b>Polarization</b>	Linear-Vertical
<b>Antenna Gain</b>	5dBi
<b>Azimuth Beam Width</b>	360°
<b>Elevation Beam Width</b>	35°
<b>VSWR</b>	< 2.0 : 1
<b>Impedance</b>	50 Ohm
<b>Connector</b>	N Female
<b>Radome Material</b>	Impact-Resistant, UV-Stabilized Polycarbonate
<b>TMA Height</b>	5.5 in. (140mm)
<b>TMA Diameter</b>	4.4 in. max (112mm)
<b>Color</b>	Desert Tan
<b>Radiation Pattern</b>	