

TMA-24-2CT

Tactical Mesh Antenna 2.4GHz 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.

The 2.4GHz High Performance Tactical Mesh Antenna (HP-TMA) implements 3D Signal™ technology that combines Luxul's patented signal boosting technology with unique Circular Polarized (CP) signal propagation for increased signal penetration, higher data rates, and improved connectivity with mobile client devices. The circular polarization allows for superior penetration of obstacles such as trees, walls, and buildings. CP also overcomes issues of antenna alignment, making it an ideal option for mobile applications.

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-24-2CT TECHNICAL SPECIFICATIONS

Operating Range	2400 to 2500 MHz
Operating Temp	-40F (-40C) to +158F (70C)
Polarization	Right Hand Circular
Antenna Gain	2dBi
Azimuth Beam Width	360°
Elevation Beam Width	70°
VSWR	< 2.0 : 1
Impedence	50 Ohm
Connector	N Female
Radome Material	Impact-Resistant, UV-Stabilized Polycarbonate
TMA Height	5.5 in. (140mm)
TMA Diameter	4.4 in. max (112mm)
Color	Desert Tan
Radiation Pattern	

Luxul Antennas now a Mobile Mark Inc. Brand