

# 2.4/5 GHz 2.5/4 dBi MIMO Small Form Factor Omnidirectional Wi-Fi Antenna with 4 RPTNC Male Connectors

Ventev's TerraWave 2.4/5 GHz 2.5/4 dBi outdoor Multiple-Input and Multiple-Output (MIMO) Micro omnidirectional Wi-Fi antenna with long threaded bushing is designed to operate with Cisco's latest 802.11ac Waves I & II WLAN access points. The antenna's small size and clean appearance, combined with excellent performance, make it ideal for deployments ranging from large office spaces to warehouse or manufacturing environments where space is limited, or visual appeal is important. The 4 dual-band leads deliver exceptional performance while simplifying connection to the access point. The long-threaded bushing enables mounting on thicker surfaces. An L-bracket with mounting hardware is included to support mast and/or wall mounting. Every Ventev antenna is covered by the company's two-year TerraNet warranty program. For more information or to purchase, contact Ventev: 800.851.4965 or [sales@ventev.com](mailto:sales@ventev.com).

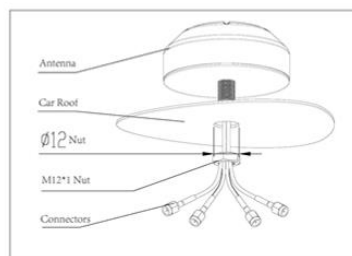
## SPECIFICATIONS

SKU	589945
Model Number	M6025040O3D402MWL
Frequency Range	2.4/5 GHz
Gain	2.5/4 dBi
Polarization	Vertical
VSWR	$\leq 2/\leq 2$
Maximum Input Power	50
Nonimal Impedance	50 ohms
Number of Ports/Cable	4 x 48" leads
Connector Type	RPTNC Male
Dimensions	3.54 x 1.57 in
Weight	0.30 lb.
Radome Color and Material	White
Operating Temperature	-40° - +158°F

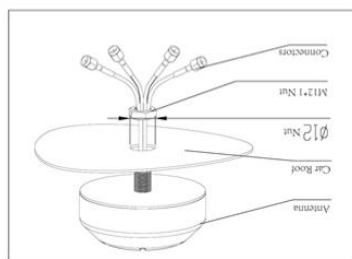


## Installation

### Outdoor Car roof installation



### Indoor Ceiling Mount Installation

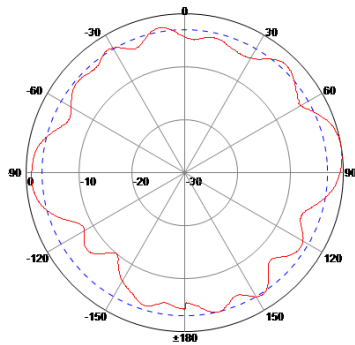


Note: The TerraWave SKU 509824 provides an L-Bracket mounting alternative for mast or wall mounting (sold separately)

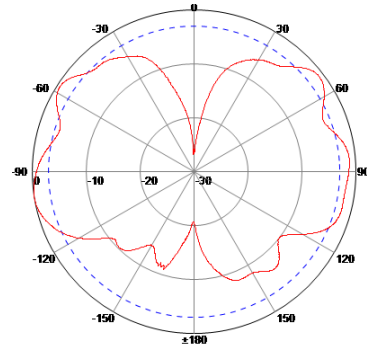
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## Radiation Patterns

Port 1: 2.4 GHz

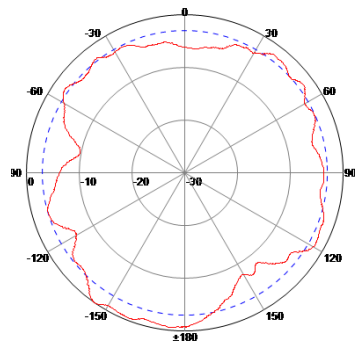


H Plane

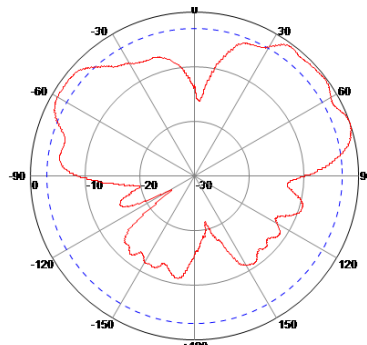


E Plane

Port 1: 5 GHz

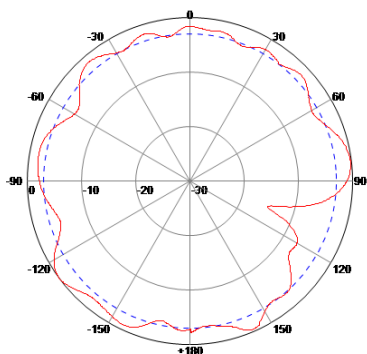


H Plane

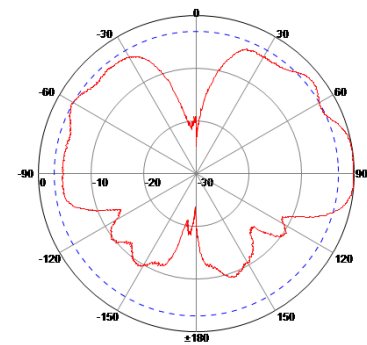


E Plane

Port 2: 2.4 GHz



H Plane



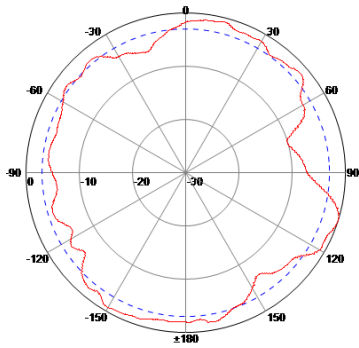
E Plane

Terrawave by Ventev

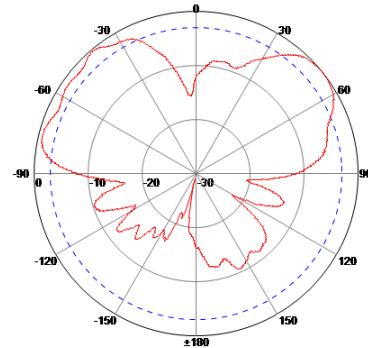
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## Radiation Patterns

Port 2: 5 GHz

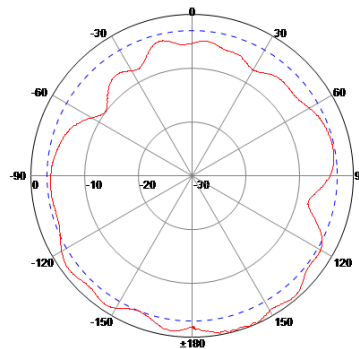


H Plane

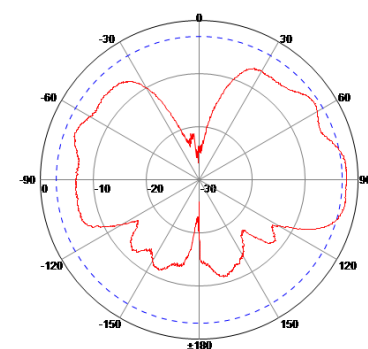


E Plane

Port 3: 2.4 GHz

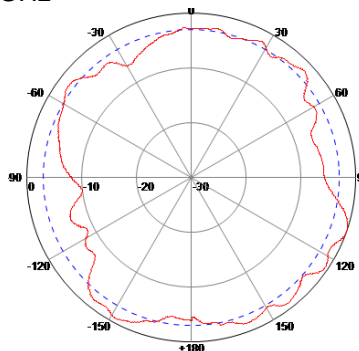


H Plane

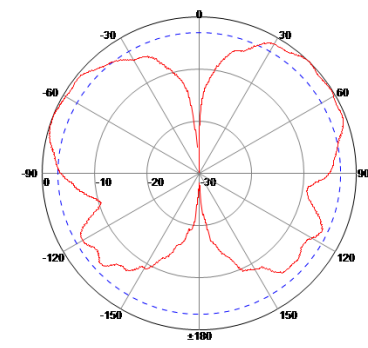


E Plane

Port 3: 5 GHz



H Plane



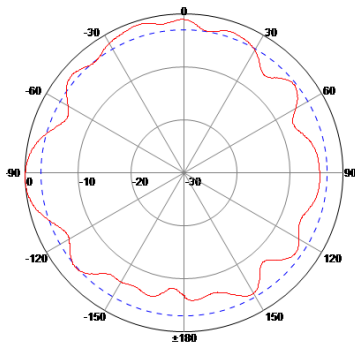
E Plane

*Terrawave by Ventev*

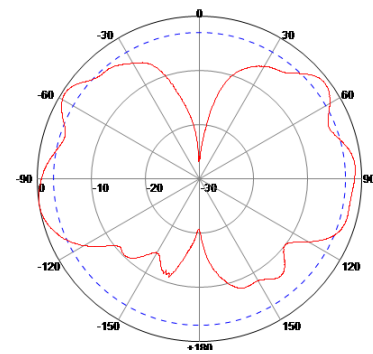
# 2.4/5 GHz 2.5/4 dBi MIMO Small Form Factor Omnidirectional Wi-Fi Antenna with 4 RPTNC Male Connectors

## Radiation Patterns

Port 4: 2.4 GHz

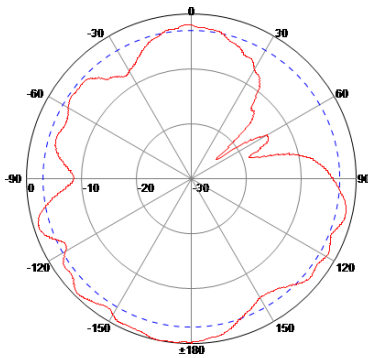


H Plane

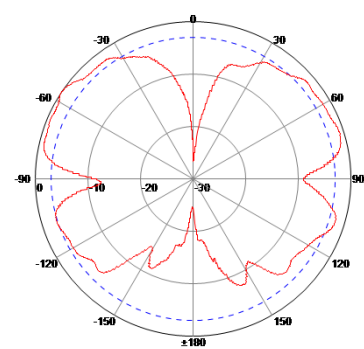


E Plane

Port 4: 5 GHz



H Plane



E Plane