

# Outdoor Dual-Band WLAN 1/4 Wave Dipole Antenna

Pulse Part Number W5028



W5028 is an outdoor dual WiFi/WLAN dipole, multi-purpose antenna. This low profile, fixed right angle dipole antenna covers both WiFi bands in one compact radome. This ruggedized, weatherproof antenna is perfect for industrial and IoT applications where communication and data transmission is needed.

## FEATURES

- 1/4 Wave Fixed Dipole Antenna
- Ingress Protection IP65
- UV Protection
- RoHS Compliant Product
- Connector Type: Fixed Right Angle RP-SMA
- Dual WiFi

## APPLICATIONS

- Zigbee, BLE/BT, WLAN (2.4GHz, 5 GHz)
- Metering, Security, IoT Applications
- Mining, Utility, and Industrial Applications
- Outdoor Networking
- Data Transmission
- Access Points

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## Electrical Specifications

Frequency (MHz)	Freq 1	2.4 - 2.5 GHz
	Freq 2	5.15 - 5.85 GHz
Nominal Impedance ( $\Omega$ )		50
VSWR	Freq 1	< 2
	Freq 2	< 2
Gain (dBi)	Freq 1	2.7 Peak Gain
	Freq 2	3 Peak Gain
Radiation Pattern	Horizontal Plane	Omni
Type of Radiation		Toroidal
Polarization		Vertical
Power Rating (W)		1
Connector Type & Gender		Right Angle RP-SMA Male

## Environmental Specifications

Temperature ( $^{\circ}\text{C}$ )	-35 ~ +80
Storage Temperature ( $^{\circ}\text{C}$ )	-40 ~ +85

## Mechanical Specifications

Color	Black
Ingress Protection	65
Weight	17.3 grams
Length (inches/millimeters)	5.04 / 128.02

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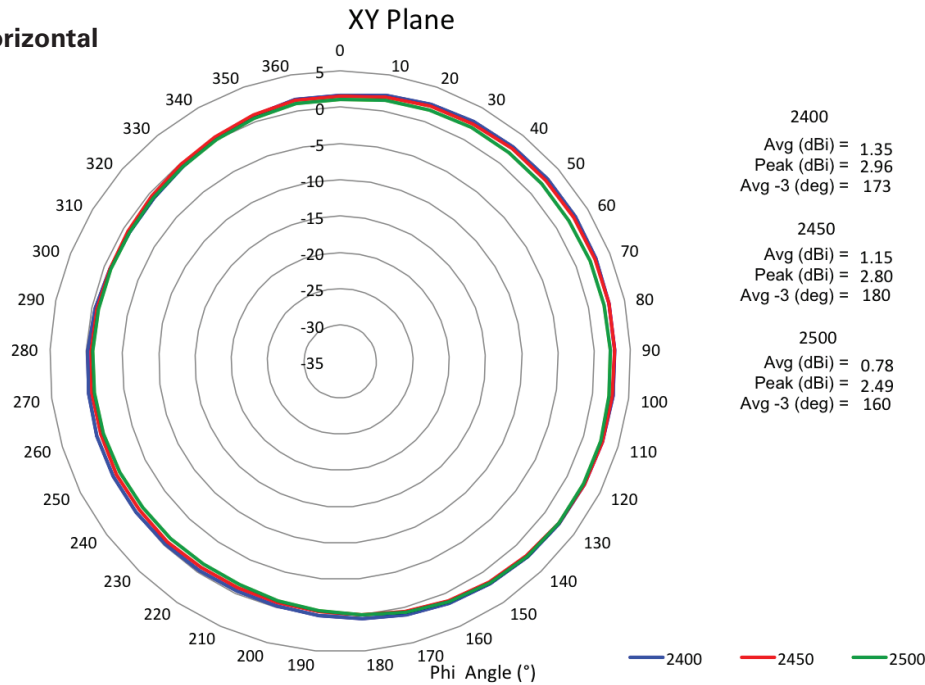
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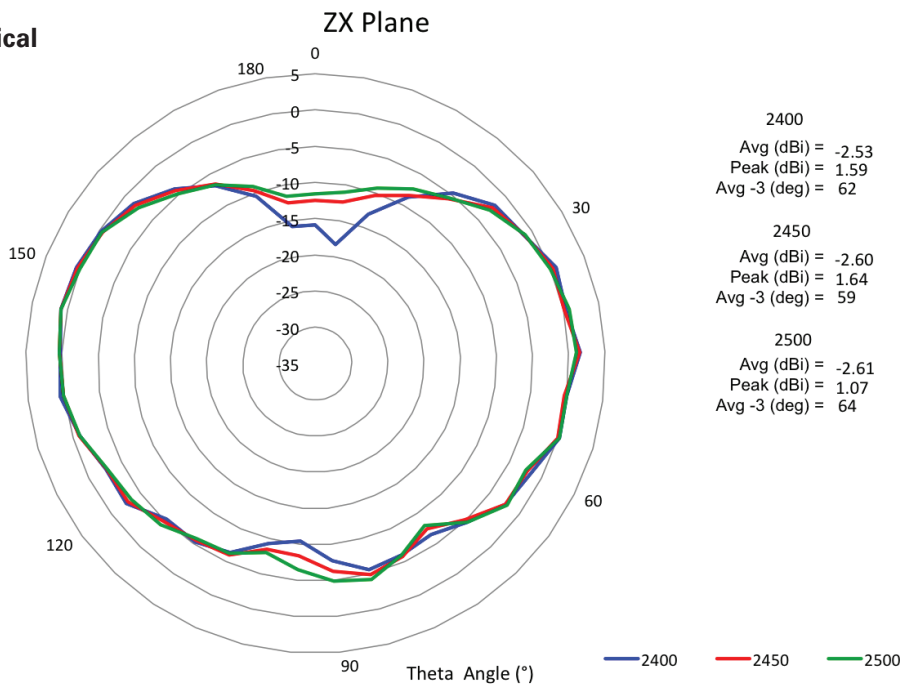
# Outdoor Dual-Band WLAN 1/4 Wave Dipole Antenna

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## Horizontal



## Vertical



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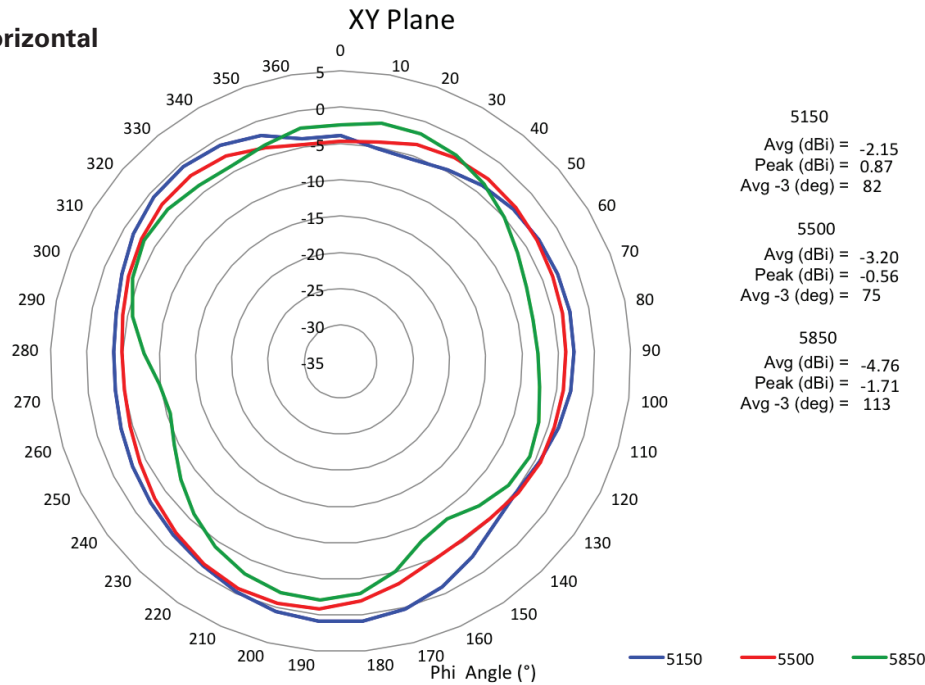
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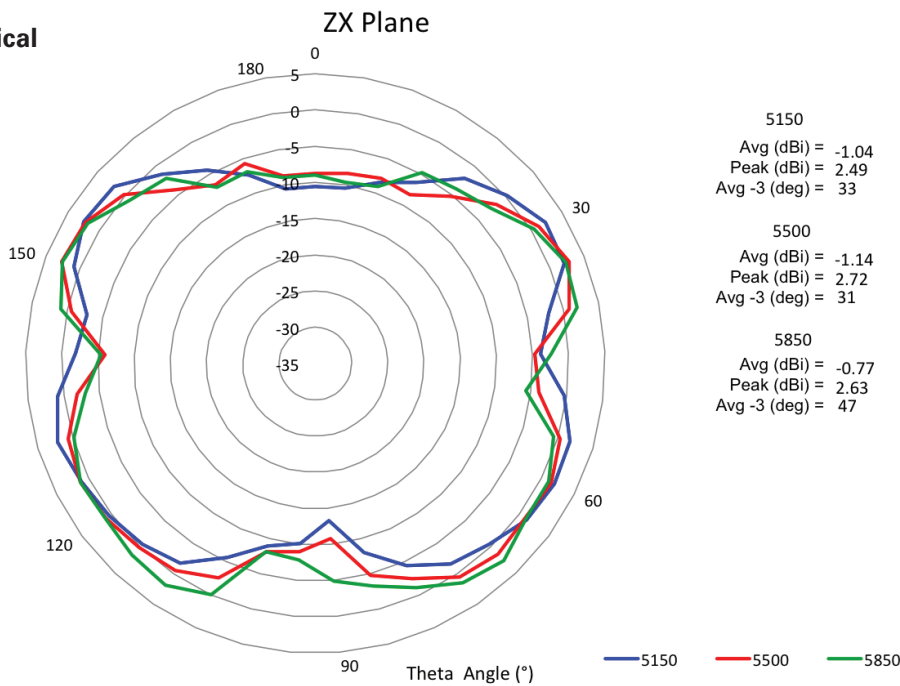
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## Horizontal



## Vertical



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