



The Phoenix Wi-Fi Paddle external antenna is designed to be mounted directly to a standard reverse polarity SMA connector. The Phoenix works on both the 2.4 GHz and 5 GHz Wi-Fi bands with high efficiency.

This PTA Series antenna is a ground independent design that provides consistent performance independent of the size and shape of the product it is mounted on.

Patent Pending



Configurations 1:1

Fixed Wireless | Remote Learning K-12 | SOHO

Long Range

Connect in the Classroom or Home

High Data Speeds

Can Support Wi-Fi 6

Easy Install

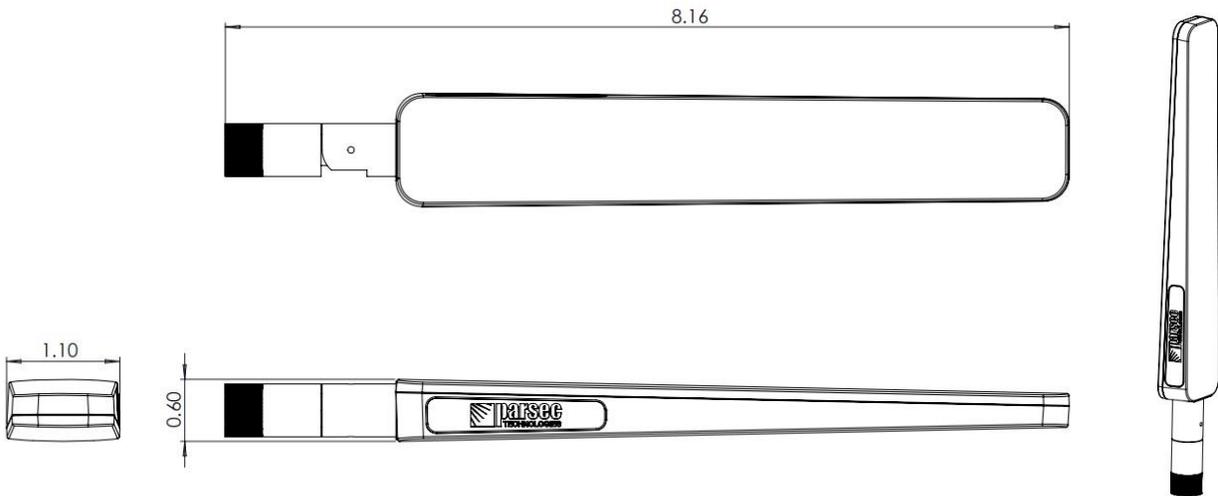
Screw On Mount

- HIGH SPEED WI-FI
- OMNI-DIRECTIONAL
- GROUND INDEPENDENT
- 2400 MHz – 5900 MHz
- 8.16 in X 1.10 in X 0.60 in
- WI-FI 6 COMPATIBLE

Specifications

<i>Frequencies</i>			
Wi-Fi		2400-2483.5 MHz 4900-5900 MHz	
<i>Mechanical</i>		<i>Environmental</i>	
Dimension	8.16 inch X 1.10 inch X 0.60 inch	Operating Temperature	-30 °C to 85°C OR -22 °F to 180°F
Mounting	Directly screws onto a RPSMA(M) connector	Ingress Protection	Indoor

Dimensions



Product Images



Electrical Specifications

<i>ID & Unit</i>	<i>Parameters</i>	<i>Typ.</i>
Radiated Efficiency (%)	2400-2483.5 MHz	80
	4900-5900 MHz	65
Peak Gain (dBi)	2400-2483.5 MHz	2.5
	4900-5900 MHz	4.5
Return Loss 50Ω (dB)	2400-2483.5 MHz	8
	4900-5900 MHz	5
Polarization (dBi)		Linear
Max Input Power (Watts)		5
RF Connectors		RPSMA(F)
<ul style="list-style-type: none"> • Isolation, return loss, and peak gain does not include cable loss. • SMA connectors have a max torque of 3-5 inch lbs. • NF connectors have a max torque of 6.2-9.7 inch lbs. • Parsec is currently phasing out inventory with LTE on our Cellular cables (now labeled CELL). For cables labeled LTE, please refer port "CELL" in the data sheets and installation instructions. 		

Part Number Key

Part number example of a 1:1 Phoenix Wi-Fi Paddle antenna: PTAPNWB

<i>Description</i>	<i>Abbreviation</i>	<i>Part Number</i>
All PTA Series	PTA	PTA
Antenna Abbreviation for Phoenix	PN	PTAPN
Number of Wi-Fi Elements	#W	PTAPNW
Radome Color - B for Black, W for White	B or W	PTAPNWB
If SMA Connector, Simply Leave Blank		PTAPNWB
Custom connectors and cable kits are available. Please contact us for more information at sales@parsec-t.com .		

Ordering

<i>Configurations</i>	<i>Part Number</i>	<i>Description</i>
1:1	PTAPNWB	1 Wi-Fi, Black, RPSMA(F)
	PTAPNWW	1 Wi-Fi, White, RPSMA(F)



Parsec Antennas

972-804-4600

support@parsec-t.com