



The Weimaraner PTA series antenna is a 2X2 MIMO Wi-Fi, omni-directional antenna. A minimalist aesthetic appearance and small footprint makes the Weimaraner a perfect addition to any retail or office space. The Weimaraner series provides high performance Wi-Fi through fast download speeds and dual band coverage areas.

This PTA series IP54 rated antenna can be wall or pole mounted indoors and outdoors. Accompanied with low loss cables for high performance and router optimization.

Patent Pending



## Configurations 2:1

Retail Enterprise | Remote Learning | Work From Home

### Compact Aesthetic Design

Subtle for Office & Retail

### High Data Speeds

Dual Band Wi-Fi Coverage

### Durable

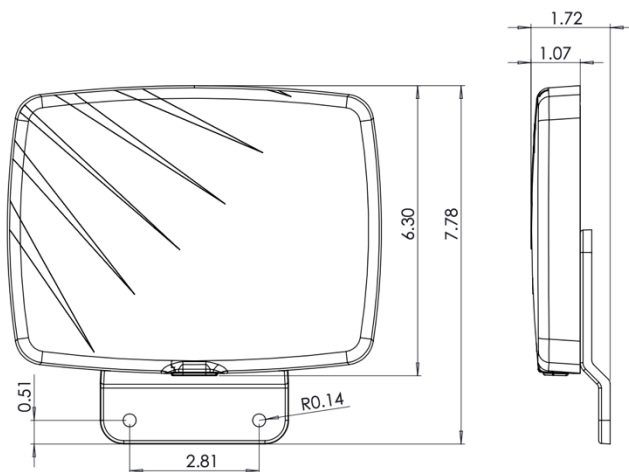
IP54 Rated for Indoor/ Outdoor Use

- 2X2 MIMO WI-FI
- OMNI-DIRECTIONAL
- DUAL BAND 2.5/5 GHz
- WALL OR POLE MOUNT
- 8.13 in X 7.78 in X 1.72 in
- WI-FI 6 COMPATIBLE

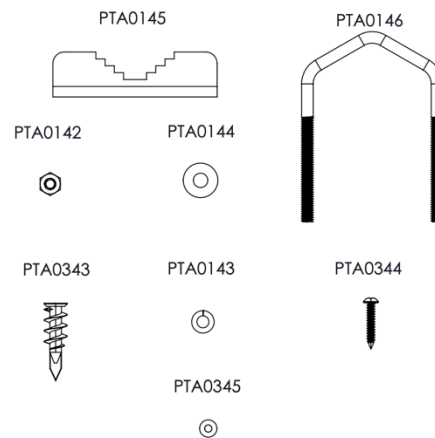
# Specifications

Frequencies			
Wi-Fi		2400-2483.5 MHz 4900-5900 MHz	
Mechanical		Environmental	
Dimension	8.13 inch X 7.78 inch X 1.72 inch	Operating Temperature	-30 °C to 85°C OR -22 °F to 180°F
Mounting	Bracket with screws to a non-metallic surface. Optional pole mount for 1.25-2.25 inch mast diameter	Ingress Protection	IP54
RF Cable Length	Choice of 1 or 15 ft cables		
<ul style="list-style-type: none"> <li>• Pole mount consists of V-bolt, saddle clamp, and related hardware.</li> <li>• Optional 25 ft LSR240 and 50 ft LSR400 cable kits are available.</li> </ul>			

# Dimensions



## Hardware Accessories Included



## Product Images



## Electrical Specifications

ID & Unit	Port	Parameters	Typ.
Radiated Efficiency (%)	Wi-Fi 1, 2	2400-2483.5 MHz	80
	Wi-Fi 1, 2	4900-5900 MHz	75
Peak Gain (dBi)	Wi-Fi 1, 2	2400-2483.5 MHz	4
	Wi-Fi 1, 2	4900-5900 MHz	8
Return Loss 50Ω (dB)	Wi-Fi 1, 2	2400-2483.5 MHz	12
	Wi-Fi 1, 2	4900-5900 MHz	10
Isolation (dB)	Wi-Fi 1, 2	2400-2483.5 MHz	17
	Wi-Fi 1, 2	4900-5900 MHz	22
Polarization (dBi)	Wi-Fi		Linear
Max Input Power (Watts)	Wi-Fi		5
RF Connectors	Wi-Fi		RPSMA(M)
RF Cable Type	Wi-Fi		LSR200
<ul style="list-style-type: none"> <li>Isolation, return loss, and peak gain does not include cable loss.</li> <li>Performance will be degraded if the antenna is mounted close to wiring or metal wall studs.</li> <li>SMA connectors have a max torque of 3-5 inch lbs.</li> <li>NF connectors have a max torque of 6.2-9.7 inch lbs.</li> <li>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.</li> </ul>			

# Part Number Key

Part number example of a 2:1 Weimaraner antenna, white: PTAWM2W15W

Description	Abbreviation	Part Number
All PTA Series	PTA	PTA
Antenna Abbreviation for Weimaraner	WM	PTAWM
Number of Wi-Fi Elements	#W	PTAWM2W
Cable Length Measured in Feet: 01=1', 15=15'	01, 15, etc.,	PTAWM2W15
Radome Color - W for White	W	PTAWM2W15W
If SMA Connector, Simply Leave Blank		PTAWM2W15W
Additional Options		
N Type Female Connector	-NF	PTAWM2W01W-NF
Custom connectors and cable kits are available. Please contact us for more information at <a href="mailto:sales@parsec-t.com">sales@parsec-t.com</a> .		

## Ordering

### Standard Antennas

Configurations	Part Number	Description
2:1	PTAWM2W15W	2 Wi-Fi, 15 ft Cable, White

### Non-Standard Antennas

Configurations	Part Number	Description
2:1	PTAWM2W01W	2 Wi-Fi, 1 ft Cable, White
	PTAWM2W01W-NF	2 Wi-Fi, 1 ft Cable, White, N Type Female

### Additional Hardware Accessories

Accessory	Part Number
Replacement Pole Mount Assembly	PTA0147
Lightning Arrestor - SMA(F) to SMA(F)	PTA0476
Lightning Arrestor - N(F) to N(M)	PTA0736
SMA Wrench, Key Chain	PTA0194
Service: Cable Sleeving (Priced Per Ft)	Cable Sleeving



Parsec Antennas

972-804-4600

[support@parsec-t.com](mailto:support@parsec-t.com)