



MobileMustHave
MOBILE LIFESTYLE SOLUTIONS

Weimaraner PRO Series



- MIMO WIFI
- IP54 RATED

- DUAL BAND WIFI
- HIGH EFFICIENCY
- HIGH PERFORMANCE
- WIFI 6

Ideal for:

- High-Performance WiFi
- Fast WiFi Speeds
- Large WiFi Coverage Area

*See inside for details

Product Description

The Weimaraner PRO Series antennas are MIMO WiFi antennas for wall mounting. The antennas are perfect for indoor, but may be pole-mounted outdoor. The Weimaraner Series work well for high-performance WiFi, fast WiFi speeds, and large WiFi coverage areas.

The Weimaraner MIMO WiFi antennas offer both high-band and low-band coverage (dual band), and high-performance MIMO WiFi coverage both inside or outside of buildings.

Patent pending.



Frequency Ranges

WiFi Frequency Range

- 2400 – 2483.5 MHz
- 4900 – 5900 MHz



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Electrical Specifications

| ID | Port | Parameters | Units | Typ. |
|---|----------|-------------------|-------|--------|
| Radiated Efficiency | WiFi-1,2 | 2400 – 2483.5 MHz | % | 80 |
| | WiFi-1,2 | 4900 – 5900 MHz | | 75 |
| Peak Gain | WiFi-1,2 | 2400 – 2483.5 MHz | dBi | 4 |
| | WiFi-1,2 | 4900 – 5900 MHz | | 8 |
| Return Loss (50 Ω) | WiFi-1,2 | 2400 – 2483.5 MHz | dB | 12 |
| | WiFi-1,2 | 4900 – 5900 MHz | | 10 |
| Isolation | WiFi-1,2 | 2400 – 2483.5 MHz | dB | 17 |
| | WiFi-1,2 | 4900 – 5900 MHz | | 22 |
| Polarization | WiFi | | | Linear |
| Max Input Power | WiFi | | Watts | 5 |
| RF Connector | WiFi | | | RP-SMA |
| RF Cable Type | WiFi | | | LMR200 |
| Notes: | | | | |
| 1. Isolation does not include cable loss | | | | |
| 2. Performance will be degraded if the antenna is mounted close to wiring or metal wall studs | | | | |

Product Dimensions

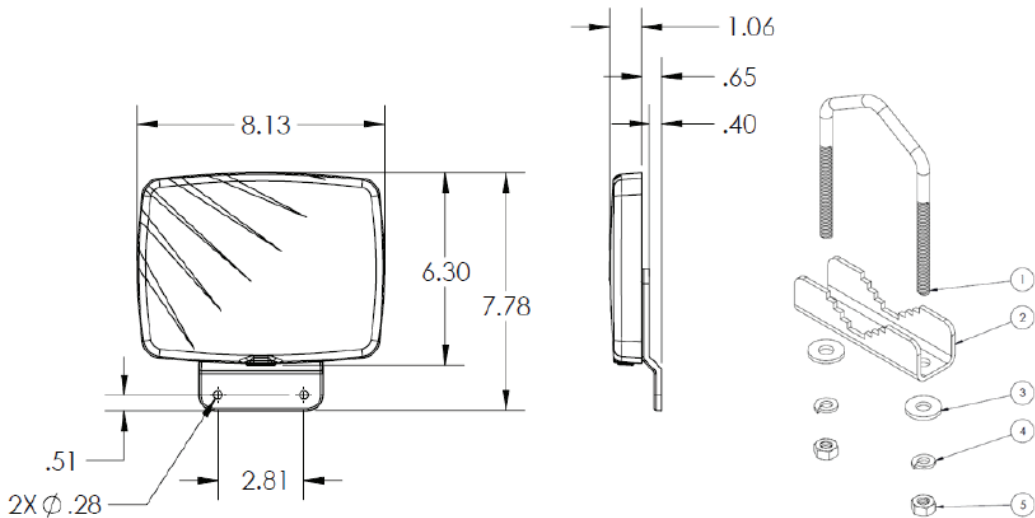


Figure 1. Product Dimensions and Optional Pole Mount



Electrical Specifications (Continued)

Mechanical

| | |
|------------|--|
| Dimensions | 8.13 inch width x 6.3 inch height x |
| | 1.06 inch thickness excluding bracket |
| Mounting | Bracket with screws to a non-metallic surface |
| | Optional pole mount for 1.25 – 2.25 inch mast diameter |

Notes:

1. Optional pole mount consists of a V-bolt, saddle clamp, and related hardware

Environmental

| | |
|-----------------------|---------------|
| Operating Temperature | -40°C to 85°C |
| Ingress Protection | IP54 outdoor |

Ordering

Standard Antenna Part Numbers

| Configurations | Part Number | Description |
|----------------|---------------|---|
| 2:1 | PTAWM2W01W | 2 WIFI, 1ft cable, White, SMA (M) |
| | PTAWM2W01W-NF | 2 WIFI, 1ft cable, White, N type Female |
| | PTAWM2W15W | 2 WIFI, 15ft cable, White, SMA (M) |



Part Number Key

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

| Description | Abbreviation | Part Number |
|--|--------------|-------------|
| All PTA Series | PTA | PTA |
| Antenna abbreviation for Weimaraner | WM | PTAWM |
| Number of antennas in housing/configuration | 2:1 | PTAWM2 |
| Number of WiFi Elements | # W | PTAWM2W |
| Cable length measured in feet: 01 = 1', 15 = 15' | 01, 15, etc, | PTAWM2W15 |
| Radome Color -W for White | W | PTAWM2W15W |
| | | PTAWM2W15W |