

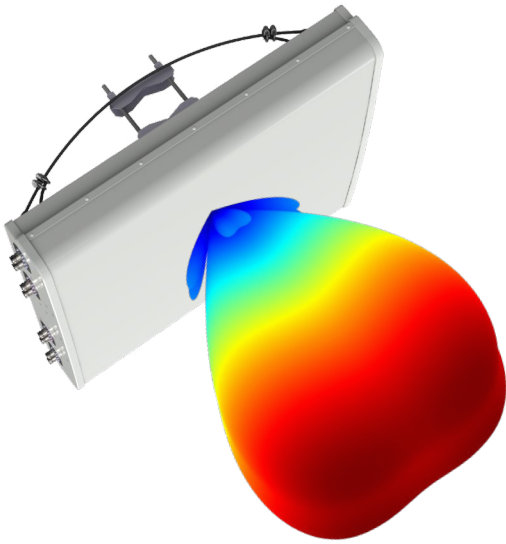


## The Game is More than What's Happening on the Field

For sports and live music fans, sharing the excitement is every bit as important as being there. Posting on social media, sending video, listening to music, communicating with loved ones, even contactless concession ordering...that's today's stadium experience.

When you scale that kind of usage by 50,000 people and add in vendors for POS, teams, security and cameras recording the event, it is a challenge to provide the five-bar service fans expect.





## Alpha Wireless has the 5G Antennas You Need When You Need Them

Everyone is talking about upgrading from 4G to 5G. But when you're talking sports or entertainment, you're talking about a season or event that starts on a specific date. If you're not ready, you have unhappy fans. Alpha Wireless designs and manufactures our own antennas, so we deliver with the speed you need to reach your goal.

Our 5G Stadium Antenna is designed to support sectional grid seating and deliver excellent coverage and capacity. This antenna carves out rectangular radiation patterns with a flattop main beam and steep roll-offs. The unique pattern profile delivers uniform coverage to every seat in a section without bleeding into the next.

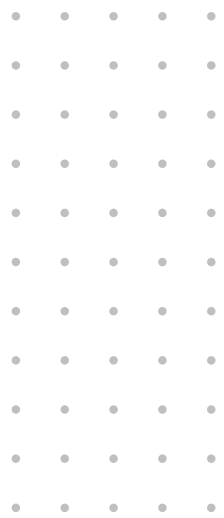
Our cell sectorization technology allows for frequency reuse with multiple channels supporting 4G and 5G networks, enabling operators to optimize for the high-capacity stadium environment.



## Your Antenna Partner

Alpha Wireless has been designing, manufacturing and delivering high-performance antennas for more than 15 years, with more than 1.5 million antennas installed worldwide. We are collaborative, innovative and ready to deliver the antennas you need.

If none of our core products support the frequencies you need, we'll design one that does, whiteboard to prototype in 90 days. When time is of the essence, a mistake can set you back. Rely on our expertise to get the project done right and on time for your stadium or venue.



## Benefits

- Well-defined rectangular beam patterns provide uniform coverage in sectional grid seating with minimal sector-to-sector overlap
- Focused radiation allows cell sectorization with frequency reuse for maximum capacity
- High effectiveness in stadiums, venues and macro hotspot applications
- 4T4R MIMO supports multiple 4G LTE and 5G frequency bands
- Compact antenna form factor
- Lightweight
- Fast delivery

## Features

- Mid-band supports 1.7, 1.8, 1.9, 2.0, 2.1, 2.3, and 2.6 GHz
- High-band supports 3.4, 3.5, 3.6, 3.7, 3.8, 4.0, and 4.2 GHz
- 4x4 MIMO for mid-band
- 4x4 MIMO for high-band
- Symmetric horizontal and vertical 3dB beamwidth of 50°
- Compact 34"x34"x6" form factor with a weight under 62 lbs (28kg)
- Contact the Alpha Wireless team about 2x2 MIMO Low Band options for 700, 800, and 900 MHz