



**MATSING<sup>®</sup>** *Lens Antennas*  
*Powering your exceptional  
cell experience.*



## It's now a whole new ballgame.

We're MatSing and this is how our superior antennas are changing your cell experience.

Our patented and vetted lens technology enables us to be at the forefront of the antenna industry. We started in 2005 with an expertise in metamaterials, and we used that knowledge to design and create the world's first large, lightweight, multi-beam RF lenses. Our unique technology is bringing a new age of high-performance and high-capacity antennas to the telecommunications industry.

We provide a range of antennas for all applications (Macro, Events, Venues), allowing customers to select the correct antenna type based on the number of cell site locations and required capacity. Each antenna provides multiple independent sectors covering multiple bands, allowing users to have the highest capacity from the fewest locations—up to 48 independent sectors from a single antenna.

The new and unique design of our antennas provides the best radio frequency signal control in the industry, giving users exceptional RF performance at much lower power. MatSing lens technology is the perfect fit for 4G, LTE and 5G, and it is seen as the most cost-effective network densification tool in the industry.



## Events

MatSing antenna usage at large, outdoor events such as the presidential inauguration, Indianapolis Motor Speedway and major music festivals, to name a few, has enabled a tremendous increase in wireless capacity and coverage for an exceptional fan experience.

## Stadiums

MatSing ball antennas implement a unique technology allowing a single lens antenna to replace 48 traditional antennas, typically providing a clear line-of-sight path to potential users for faster and better connections, while significantly reducing the number of required antenna locations.



## Macro

MatSing lens antennas provide multiple, individual, high-performance RF beams for different frequencies (4G, LTE, 5G) from a single antenna, resulting in precise, high-capacity coverage, while reducing the number of antennas and antenna locations required to meet growing capacity demands.

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## Just look up and see what we've been up to.

MatSing antennas are showing up everywhere from events and stadiums to busy urban centers.

Having developed unique high-performance lens antennas for multiple industries, we at MatSing are now driven to transform the cellular networks to lens technology. Holding several RF metamaterial technology patents, MatSing is leading the development of a new approach to antenna design. We focus on using RF lenses that outperform traditional phased-array (panel) and dish antennas, providing a needed solution to growing capacity demands. Our mission is to be the world leader in lens technology because we know that lens technology is the future for communications.



MatSing antennas at busy office complexes

Our antennas were the winning choice at the Presidential Inauguration

See us at worldwide indoor/outdoor stadiums



MatSing antennas doing the job at large outdoor music festivals

## It's what's inside that counts.

Our strong focus on metamaterial development and design has enabled us to be at the forefront of the antenna industry.

- Every MatSing antenna is powered by an RF Lens which is what makes it so unique and superior in RF performance.
- Each RF Lens is made from millions of metamaterial particles
- These particles are layered in a complex multilayer structure to create the famous (RF Lens) sphere that you see.
- MatSing designed and patented this very special material, which is the key behind our revolutionary lens technology.



12 Mauchly, Unit 0

Irvine, CA 92618

Phone: +1 949-585-5144

Fax: +1 949585-5124

[matsing.com](http://matsing.com)