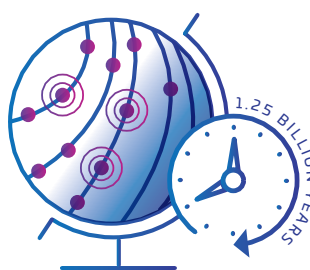


Small cell antennas that bridge the gap between now and next

Across the globe, the volume of mobile traffic—posts, streams, meetings, chats, games, movies and more—has eclipsed anything the world thought possible. To meet the demand for more capacity, mobile network operators are densifying their networks with outdoor small cells to support 5G and other high-bandwidth services.

Small cell antennas can be a crucial enabler. But issues like tougher zoning/permitting processes, increased RF requirements and the need for greater antenna functionality stand between operators and their next-generation networks. So, CommScope developed a new and innovative small cell antenna platform to help operators bridge the gap from now to next.



In 2020 alone, the world spent a combined 1.25 billion years online. Imagine what happens when the other half of the world gets connected to the internet.

CommScope advanced outdoor small cell antennas are uniquely designed to deliver the versatility, compact design and RF performance operators need to address their toughest 4G and 5G small cell densification challenges: extended band and application support, permitting and zoning, and the need for quick customization.

With a variety of high-density port configurations and frequency options, our compact antennas support legacy mid-band and 3.5 GHz applications, with some models supporting low-band or license-assisted access (LAA) frequencies as well. In addition, all



licensed bands will support 4x MIMO and carrier aggregation, whether the radios are 4G or 5G.

Highly capable, these small cell antennas are also surprisingly compact for faster site acquisition and easier installation. Because all antennas have the same physical dimensions, they reduce the need for re-zoning when upgrading in the future.

Factory-configurable patterns, port counts, frequency bands and tilts can be quickly customized for a best-fit solution that doesn't compromise your deployment schedule.

The design and performance to keep your network moving forward

Excellent RF performance

- LAA models comply with FCC UNII gain and UNII-1 upper sidelobe suppression
- Exceptional C-Band coverage and gain performance
- Enhanced low-band performance options improve narrow vertical beamwidth versus competition

Broad portfolio functionality

- Depending on configuration and model, one antenna can support legacy low and mid bands, 3.5 GHz, 4T4R for 4G and 5G, and carrier aggregation of licensed/unlicensed spectrum
- Sets of four or eight ports for all supported licensed bands
- Variety of high port-count options up to 30 ports

Zoning friendly

- Compact stealth housing available in three colors
- Uniform dimensions reduce need for re-zoning/re-permitting, simplifying future upgrades

Customizable, future-ready

- Customizable bands provide global solution for U.S. and non-U.S. customers
- Fast factory customizations include RF patterns, port counts, frequency bands, and tilts
- Designed to accelerate release of new variants and meet new requirements

CommScope advanced small cell antennas are engineered and supported by an industry leader who has the experience, expertise and global resources to keep your network growing. No matter where you are located or what your goals are, CommScope helps you adapt and evolve your network to ensure the high-speed capacity and consistent quality of service your users expect. Today and tomorrow.

CommScope pushes the boundaries of communications technology with game-changing ideas and ground-breaking discoveries that spark profound human achievement. We collaborate with our customers and partners to design, create and build the world's most advanced networks. It is our passion and commitment to identify the next opportunity and realize a better tomorrow. Discover more at [commscope.com](https://www.commscope.com)

commscope.com Visit our website or contact your local CommScope representative for more information.

© 2021 CommScope, Inc. All rights reserved. Unless otherwise noted, all trademarks identified by ® or ™ are registered trademarks or trademarks, respectively, of CommScope, Inc. This document is for planning purposes only and is not intended to modify or supplement any specifications or warranties relating to CommScope products or services. CommScope is committed to the highest standards of business integrity and environmental sustainability, with a number of CommScope's facilities across the globe certified in accordance with international standards, including ISO 9001, TL 9000, and ISO 14001. Further information regarding CommScope's commitment can be found at www.commscope.com/corporate-responsibility-and-sustainability.

CO-115934-EN (07-21)