



4.3-10 connectors: a new standard for performance

Supporting Macro, DAS, and Metro Cell deployments

- Greater capacity
- Superior performance
- Optimal PIM control
- More bands
- Total compatibility
- Increased density

4.3-10 connects everywhere it counts

One small connector supports an entire ecosystem of established and emerging technology.

Macro cell sites, metro cells and DAS deployments all increasingly depend on high-bandwidth, high-density RF connections to provide coverage and capacity in the face of skyrocketing demand. Only one connector type supports the entire ecosystem of high-performance wireless connectivity for each of these technologies, and that's the 4.3-10 connector.

Smaller. Better.

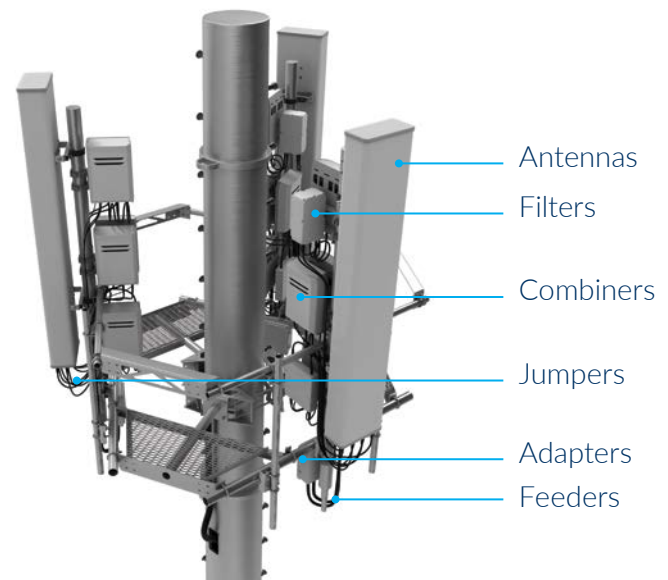
The 4.3-10 standard is the latest evolution, supporting more capacity in less space than ever before.



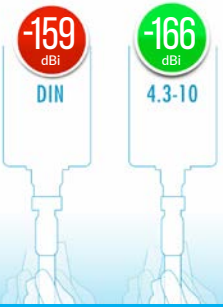
4.3-10 delivers the advantages your network needs

As network demand continues to rise, operators find themselves squeezed between a limited capacity to improve existing sites and the prohibitive costs of building new ones. Improving your sites means working within limited physical space and keeping PIM as low as possible—challenges that come with more antennas and more connections.

The 4.3-10 standard helps you meet these challenges and maximize your ROI on every installation and upgrade.



- The new standard allows **more antenna connections** in tighter spaces with **virtually PIM-free performance**.
- It helps operators increase RF density, **improving network capacity** and **strengthening the bottom line**.
- It supports more spectrum—including **soon-to-be-released frequencies**—so operators can add spectrum without replacing infrastructure.
- And, because it is **40 percent smaller** and **60 percent lighter** than DIN connectors, the 4.3-10 standard reduces tower load and costs.



CONSISTENT

FIRST TIME.
EVERY TIME.
OVER TIME.

4.3-10 is more than just a connector— it's an ecosystem

To get the most out of these advantages, it only makes sense to work with a solutions partner offering a complete line of 4.3-10 solutions, designed and built to maximize the standard's performance advantages and control PIM for maximum efficiency.

CommScope is the only solutions partner currently offering a complete 4.3-10 ecosystem of solutions.

CommScope's 4.3-10 solutions deliver more of what your network needs to succeed

CommScope's tight engineering and manufacturing standards ensure each connector delivers optimal network performance.

- Virtually PIM-free performance. LTE forgives less noise than that of previous technology. A 1dB reduction in receiver sensitivity can reduce a site's coverage by 11%.*
- Capacity for today and tomorrow. CommScope's 4.3-10 ecosystem supports frequencies ranging from 700 MHz to 6.0 GHz—including soon-to-be-released bands.
- **CommScope quality.** State-of-the-art manufacturing processes deliver superior performance and device compatibility.
- **Seamless compatibility.** 4.3-10 solutions integrate seamlessly with a wide range of components provided by CommScope.

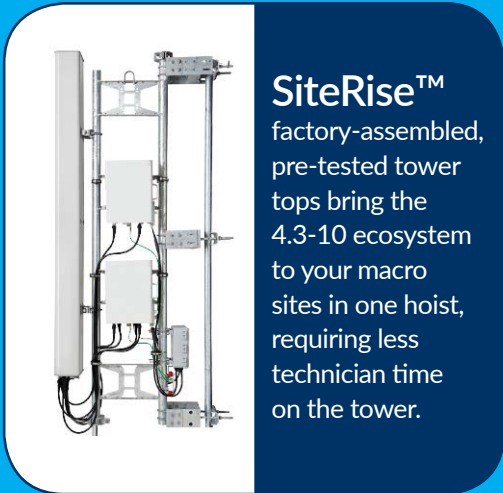
The efficient 4.3-10 ecosystem extends to the installation, too

CommScope also offers other innovative solutions designed to reduce installation time and errors, improving long-term network performance and further improving ROI on your 4.3-10 investment.

Choose the best partner for the new standard

The 4.3-10 standard represents a significant opportunity that you can maximize by working with CommScope. CommScope's ecosystem of 4.3-10 solutions makes optimal use of spectrum, expands easily, upgrades seamlessly and helps control costs from day one. With CommScope as your partner, one small connector can open a world of big possibilities.

Contact your CommScope representative today to learn how to deliver greater performance and efficiency across the RF path.



SiteRise™
factory-assembled,
pre-tested tower
tops bring the
4.3-10 ecosystem
to your macro
sites in one hoist,
requiring less
technician time
on the tower.



SureGuard®
push-on weatherproofing
boots protect connections
better than tape over the
long term—and install in
1/12th the time.

CommScope's complete 4.3-10 ecosystem of solutions includes:

- Base station antennas
- Filters and combiners
- SureFlex® cable assemblies and field-fit connectors
- HELIAX® 50-ohm feeder cable connectors
- Braided and in-cabinet small-diameter cable connectors
- Distributed antenna system (DAS) solutions
- Andrew® SiteRise Solutions

*The rusty bolt effect: Why telcos should invest in PIM analyzers, RCR Wireless News, May 16, 2014

Everyone communicates. It's the essence of the human experience. How we communicate is evolving. Technology is reshaping the way we live, learn and thrive. The epicenter of this transformation is the network—our passion. Our experts are rethinking the purpose, role and usage of networks to help our customers increase bandwidth, expand capacity, enhance efficiency, speed deployment and simplify migration. From remote cell sites to massive sports arenas, from busy airports to state-of-the-art data centers—we provide the essential expertise and vital infrastructure your business needs to succeed. The world's most advanced networks rely on CommScope connectivity.



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