

# PIM-Guard™ polymer cable supports

## The toughest PIM protection just got tougher.

It's getting crowded at the top of the tower. Complex, too. More RF equipment means more cabling, and that can mean more passive intermodulation (PIM). Ironic how something that can wreak such havoc on your network's bottom line can come from the most innocent of sources—like your existing cable support brackets.

The fact is, metallic cable support brackets can be a major source of performance-eroding PIM, especially those located near the antennas. Corrosion, poor contact with the tower, loose metal joints—they're all prime PIM suspects. When you stop to think about how many individual cable support brackets are required, the risk just keeps multiplying.

So, when CommScope set out to attack the issue, we rethought everything, from the material composition to the contours and profiles. The result is a unique line of PIM-Guard polymer cable support brackets that take your PIM protection to the next level.

CommScope PIM-Guard polymer cable support brackets are the first to feature an all-resin, PIM-free design that provides superior interference protection, including around the antenna. The recyclable cable brackets work with our PIM-Guard SnapTak™ hangers to support higher cabling densities, today and tomorrow.

**PIM:** RF interference created when two or more wireless signals combine to create additional unwanted frequencies.



[Explore solution on our website](#)

## Support continued network growth while eliminating a major source of PIM

CommScope's line of PIM-Guard polymer cable support brackets offers five modular designs with four, eight, 10, 12 or 16 ports. Configurable, high-density cable management and all-resin composition give you room to grow while giving PIM nowhere to hide.

## Improved network outcomes

- Five configurable PIM-free designs maximize cable density and design flexibility
- Metal-free, corrosion-resistant brackets reduce maintenance requirements
- Industry's first all-resin composition is recyclable to support your ESG objectives

## Future ready

- Four-, eight-, 10-, 12- and 16-port designs and stackable SnapTak hangers support your evolving needs
- Delivers superior PIM protection as more components are added to the tower
- Part of an end-to-end strategy for fast, easy, PIM-free network growth

## PIM-Guard end-to-end support

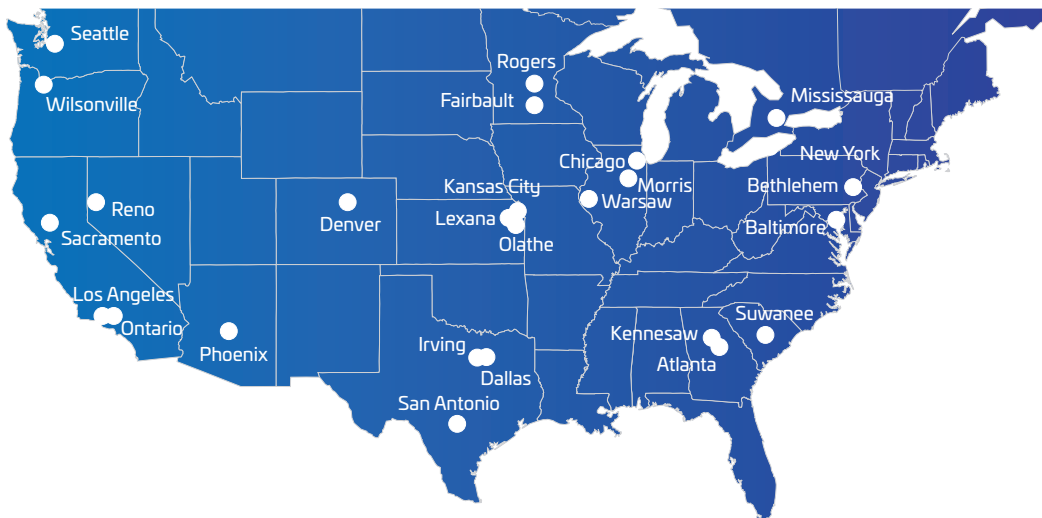
- Cable support brackets, hangers, RRU mounts, roof mounts, cable bands/ties and tower adapters
- PIM optimized: materials selection, corrosion resistance, exterior contours and profiles
- High-contact pressure junctions

The addition of the PIM-Guard polymer family extends the value of CommScope's industry-leading PIM-Guard portfolio of non-RF path installation accessories. From materials selection and corrosion resistance to the exterior contours and profile, PIM-Guard reflects CommScope's experience and understanding of PIM's sources and solutions. Combined with CommScope's PIM-fighting RF path components, PIM-Guard accessories provide an end-to-end strategy, enabling network contractors and installers to improve the RF efficiency in their customers' evolving and complex networks.

CommScope builds innovative solutions like our PIM-Guard polymer cable brackets all over the world, so they're easier to customize, order and stock—all with the promise of consistent CommScope quality in construction and materials. You can count on CommScope to provide the right solution at the right time—and in the right quantities—so your network can continue to evolve the way it needs to.

**To learn more about PIM-Guard polymer cable brackets and our full line of PIM-Guard accessories, contact your CommScope representative.**

## CommScope Distributor Locations



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CO-1174631-EN (02/24)