COMMSCOPE®

BSA PIM Guard™ powers performance for wireless networks

Mobile network operators demand peak performance from their networks because customers demand exceptional experiences, no matter how much more traffic they generate. Passive intermodulation (PIM) in the RF path is a serious impediment to network performance—and CommScope's Outdoor Wireless Networks (OWN) business is committed to reducing PIM in our innovative base station antenna solutions.

For more than 85 years, CommScope has battled PIM-induced performance losses because we understand that our operator partners can't afford to lose their competitive edge by compromising the speed and reliability of their networks. For decades, our line of PIM Guard solutions has helped suppress the effect of PIM in the RF path—and today, our newest, purpose-built BSA PIM Guard solution protects network performance better than ever.

A smarter design for better customer experiences

Drawing on our extensive expertise and the innovative materials integrated into our MOSAIC® antenna designs, we've expanded our portfolio to introduce the BSA PIM Guard™, which establishes a new standard in performance and protection against external passive intermodulation (PIM) sources. BSA PIM Guard solutions are a seamless addition to your antenna systems, adding exceptional defense against PIM losses and enabling your network to operate at peak efficiency.

BSA PIM Guard solutions provide unique advantages:

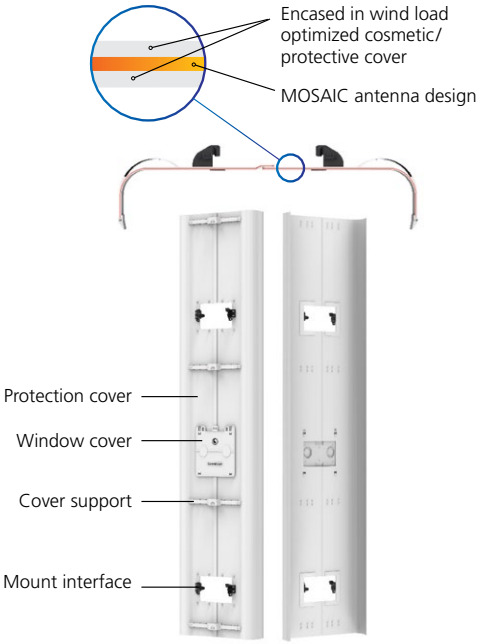
- Significant improvement in PIM performance (actual values depend on environment)
- Easy to install—no need to remove the already installed CommScope antenna
- Designed to blend with antenna radome's aesthetics
- Can reduce wind load by as much as 21% from the rear
- Available in a variety of sizes and configurations to accommodate standard antennas

BSA PIM Guard solutions are the simple, cost-effective answer to boosting wireless network performance and improving customer experiences.

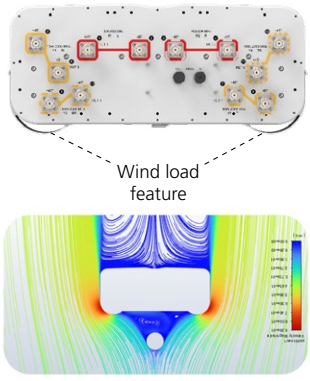
Simple Installation

Watch video

PIM IMMUNIZATION

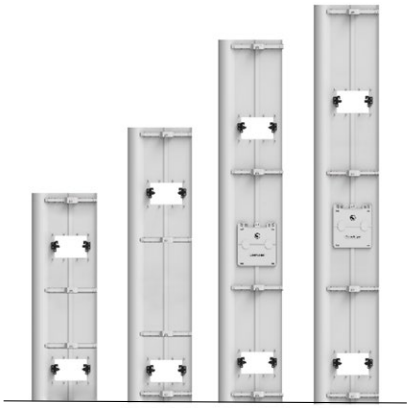


REDUCED WIND LOAD



Wind load reduction:
Maximum.....-15%
Rear.....-21%

COMMON DESIGN



Common design supports your standard CommScope antennas

CO-118633-EN (05-24)