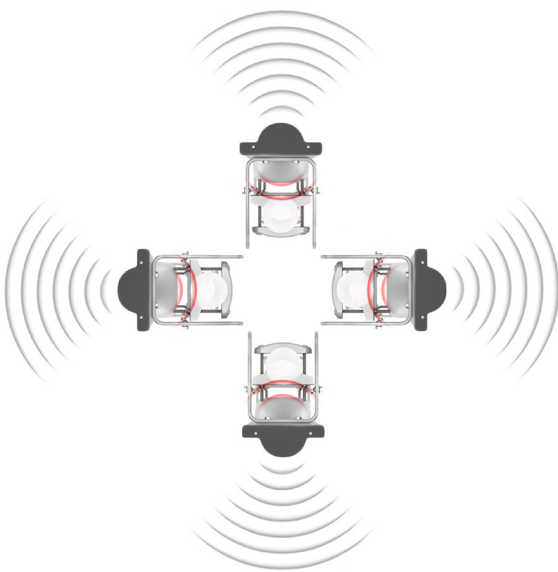


SECTOR CARRIER CLASS ANTENNAS

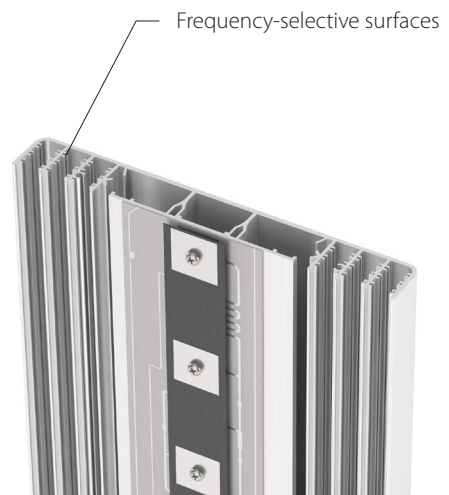


Sector Carrier Class Antennas are optimized for the best MiMo performance and cluster deployment. Thanks to our patent pending BackShield™ technology, co-location is an easy task. Explore features of Sector Carrier Class antennas that make them excel in MiMo deployments:



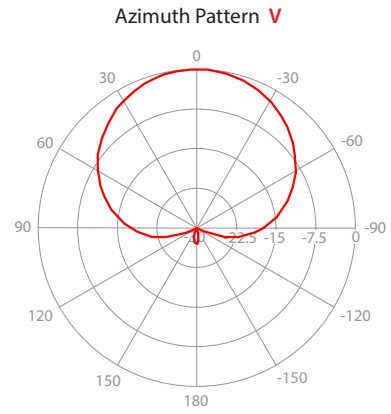
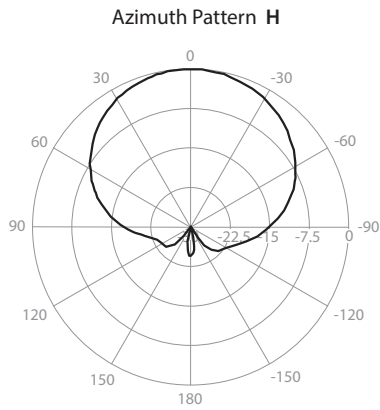
Designed for Cluster Deployment

Sector Carrier Class Antennas feature BackShield™, our patent-pending system designed to attenuate sidelobes and backside near-field radiation. The BackShield™ technology significantly improves the co-location ability in cluster sector deployments.



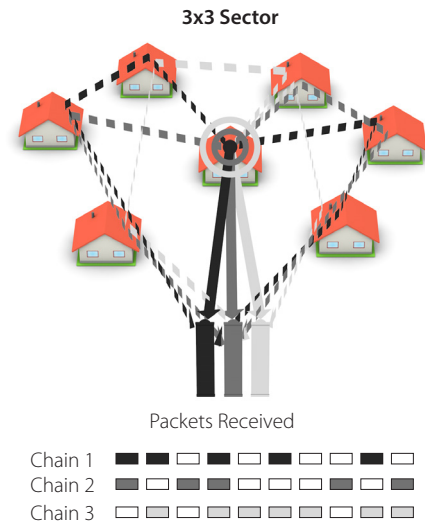
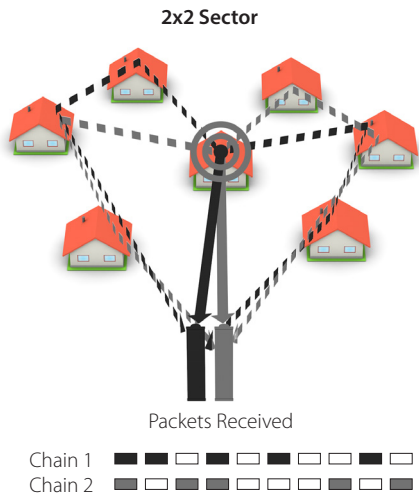
BackShield™ Technology

The essence of BackShield™ technology are frequency-selective reflectors. These reflectors, integrated into the antenna structure, attenuate side lobes and backside radiation. They are optimized for a particular frequency range where the antenna works.



Excellent MiMo Performance

RF elements® Sector Carrier Class Antennas are optimized for balanced performance between horizontal and vertical antenna systems. The radiation patterns and gain in horizontal and vertical polarization are as similar as possible. Thanks to this unique balanced performance, the Sector Carrier Class Antennas excels in MiMo deployments. The achievable area coverage and link performance are better than with mainstream antennas.



3x3 Sector Antennas

Sector Carrier Class Antennas are also available in a 3x3 setup that feature multiple horizontal or vertical systems. Three-chain antennas provide a higher diversity of signal to better deal with reflections and helps in environments with increased noise. 3x3 Sector Carrier Class can be used with standard dual polarization H+V wireless CPEs.

Antenna Models

	2.4 GHz 14 dBi	5 GHz 16 dBi HHV	5 GHz 16 dBi VVH	5 GHz 17 dBi	5 GHz 20 dBi
Frequency Range (MHz)	2400 - 2485	5450 - 5850	5450 - 5850	5240 - 5850	5450 - 5850
Gain	13.8 dBi	H1 16.7 dBi H2 16 dBi V 16.7 dBi	V1 16.6 dBi V2 15.9 dBi H 16.6 dBi	17.5 dBi	19.7 dBi
Azimuth Beam Width -3 dB	H 75° V 69°	H1 77° H2 76° V 76°	V1 76° V2 76° H 77°	H 75° V 75°	H 74° V 74°
Azimuth Beam Width -6 dB	H 108° V 100°	H1 100° H2 99° V 102°	V1 102° V2 102° H 100°	H 100° V 100°	H 96° V 100°
Front-to-Back Ratio	24 dB	30.6 dB	30.6 dB	30 dB	29 dB
Product ID	SEC-CC-2-14	SEC-CC-5-16-HHV	SEC-CC-5-16-VVH	SEC-CC-5-17	SEC-CC-5-20
MSRP	130.00 USD	160.00 USD	160.00 USD	130.00 USD	140.00 USD