

**5GHz AirMax 2x2 MIMO Basestation Sector Antennas**

**Revolutionary, Cost/Performance Breakthrough Carrier Class MIMO BaseStation Antennas**



**AirMax Sector 5G-20-90**  
Hi-gain 20dBi, 90deg.



**AirMax Sector 5G-19-120**  
Hi-Gain 19dBi, 120deg.

**airMAX**

MIMO TDMA Protocol System



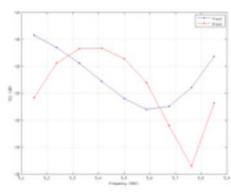
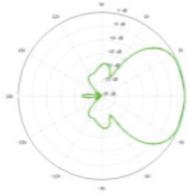
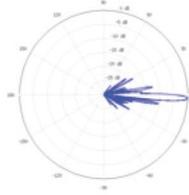
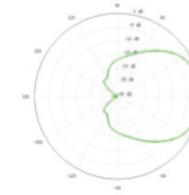
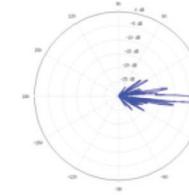
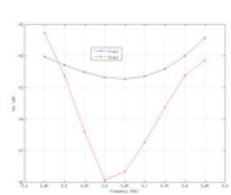
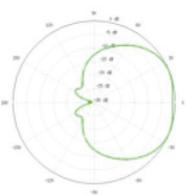
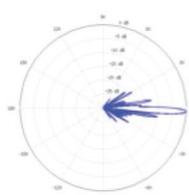
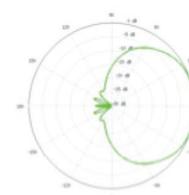
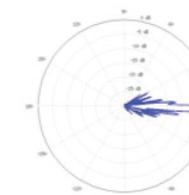
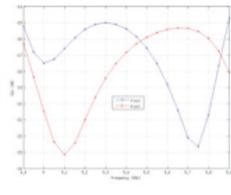
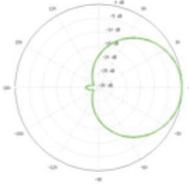
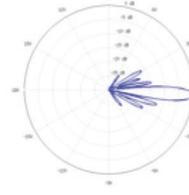
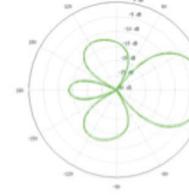
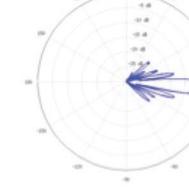
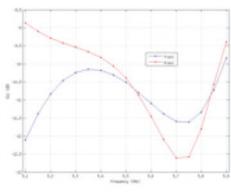
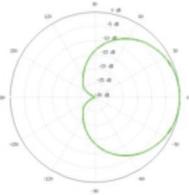
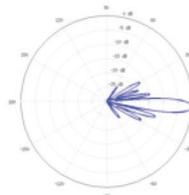
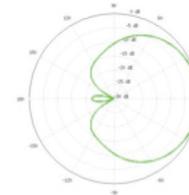
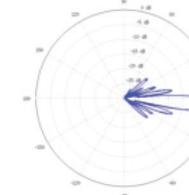
**AirMax Sector 5G-17-90**  
Mid-Gain 17dBi, 90deg



**AirMax Sector 5G-16-120**  
Mid-Gain 16dBi, 120 deg.

# AirMax 5GHz Carrier Class Sector 2x2 MIMO Antennas

## TECHNICAL SPECIFICATIONS

Hi-Gain Airmax Sector 5G-90-20							
Antenna and Electrical Characteristics		Return Loss	V-Pol Azimuth	V-Pol Elevation	H-Pol Azimuth	H-Pol Elevation	
	Frequency Range	5.15-5.85 GHz					
	Gain	19.4-20.3 dBi					
	Polarization	Dual Linear					
	Cross-pol Isolation	28dB min.					
	Max VSWR	1.5:1					
	Hpol Beamwidth (6dB)	91 deg.					
	Vpol Beamwidth (6dB)	85 deg.					
	Elevation Beamwidth	4 deg.					
	Electrical Downtilt	2 deg.					
	ETSI Specification	EN 302 326 DN2					
	Dimensions	700x145x93mm					
	Weight	5.9 kg					
	Windloading	160 mph					
Hi-Gain Airmax Sector 5G-120-19							
Antenna and Electrical Characteristics		Return Loss	V-Pol Azimuth	V-Pol Elevation	H-Pol Azimuth	H-Pol Elevation	
	Frequency Range	5.15-5.85 GHz					
	Gain	18.6-19.1dBi					
	Polarization	Dual Linear					
	Cross-pol Isolation	28dB min.					
	Max VSWR	1.5:1					
	Hpol Beamwidth (6dB)	123 deg.					
	Vpol Beamwidth (6dB)	123 deg.					
	Elevation Beamwidth	4 deg.					
	Electrical Downtilt	2 deg.					
	ETSI Specification	EN 302 326 DN2					
	Dimensions	700x145x79 mm					
	Weight	5.9 kg					
	Windloading	160 mph					
Mid-Gain Airmax Sector 5G-90-17							
Antenna and Electrical Characteristics		Return Loss	V-Pol Azimuth	V-Pol Elevation	H-Pol Azimuth	H-Pol Elevation	
	Frequency Range	4.90-5.85 GHz					
	Gain	16.1-17.1dBi					
	Polarization	Dual Linear					
	Cross-pol Isolation	22dB min.					
	Max VSWR	1.5:1					
	Hpol Beamwidth (6dB)	72 deg.					
	Vpol Beamwidth (6dB)	93 deg.					
	Elevation Beamwidth	8 deg.					
	Electrical Downtilt	4 deg.					
	ETSI Specification	EN 302 326 DN2					
	Dimensions	367x63x41mm					
	Weight	1.1kg					
	Windloading	120 mph					
Mid-Gain Airmax Sector 5G-120-16							
Antenna and Electrical Characteristics		Return Loss	V-Pol Azimuth	V-Pol Elevation	H-Pol Azimuth	H-Pol Elevation	
	Frequency Range	5.10-5.85 GHz					
	Gain	15.0-16.0dBi					
	Polarization	Dual Linear					
	Cross-pol Isolation	22dB min					
	Max VSWR	1.5:1					
	Hpol Beamwidth (6dB)	137 deg.					
	Vpol Beamwidth (6dB)	118 deg.					
	Elevation Beamwidth	8 deg.					
	Electrical Downtilt	4 deg.					
	ETSI Specification	EN 302 326 DN2					
	Dimensions	367x63x41mm					
	Weight	1.1 kg					
	Windloading	120 mph					

# airMAX

MIMO TDMA Protocol System

*Instantly pair with Rocket M5 to create a powerful AirMax 2x2 MIMO PtMP BaseStation. Mating bracket and weatherproof RF jumpers included.*

## rocket M5

