

Item no.: AM-5AC22-45

## AM-5AC22-45 - airMAX(R) ac 2x2 BaseStation Sector Antenna



# 166,70 EUR

Item no.: AM-5AC22-45  
shipping weight: 6.50 kg  
Manufacturer: Ubiquiti

### Product Description

airMAX ac 2x2 BaseStation Sector Antenna, AM-5AC22-45

As the next generation of 2x2 MIMO sector antennas from, the airMAX ac Sector Antennas feature significant advances in scalability, noise isolation, and beam performance to complement the Rocket(TM) 5ac radios.

They are also compatible with RocketM5 models; however, optimal performance requires the Rocket5ac.[Breakthrough Performance](#)

The airMAX ac Sector Antennas are highly resistant to noise interference in co-location deployments. The innovative deflector design, together with the reduced sidelobes and backlobes, reject interference from other transmitters in the area – potentially on the same tower.

Improved Signal-to-Noise Ratio (S/N or SNR) allows a higher-order modulation to be used, for example, 256QAM rather than 16QAM. This increases the number of bits per second for a fixed bandwidth (or data rate).

Due to innovative design, the airMAX ac Sector Antennas provide higher gain and superior beam performance for high-capacity, multipoint networks.[Market-Leading Isolation Performance](#)

The airMAX ac Sector Antennas are designed to provide advanced noise isolation performance. Compare the diagram of the AM-5AC22-45 to the diagram of a standard sector antenna, and note the superior noise immunity and beam performance of the AM-5AC22-45.

- Dimensions: 750 x 215 x 94 mm (29.53 x 8.47x 3.70")
- Weight: 6 kg (13.23 lbs)
- Frequency range: 5.10 - 5.85 GHz
- Gain: 22 dBi
- HPOL beamwidth: 45° (6 dBi)
- VPOL beamwidth: 45° (6 dBi)
- Electrical beamwidth: 4°
- Electrical downtilt: 2°
- Max. VSWR: 1.5:1
- Wind survivability: 200 km/h (125 mph)
- Wind loading: 347 N (at) 200 km/h (78 lbf (at) 125 mph)
- Polarization: Dual-linear
- Cross-polarization isolation: 30 dB min.
- ETSI specification: EN 302 326 DN2
- Mounting: Universal pole mount, Rocket bracket, and weatherproof RF jumpers included

### Specifications

Scan this QR code to  
view the product  
All details, up-to-date  
prices and availability

