# UBIQUITI NETWORKS
TECHNICAL SPECS/DATASHEET

## 2.4GHz AirMax 2x2 MIMO Basestation Sector Antennas

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

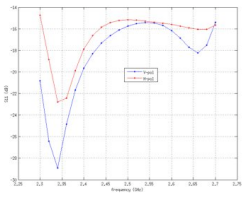
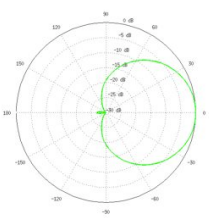
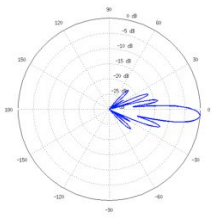
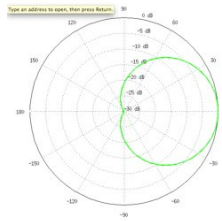
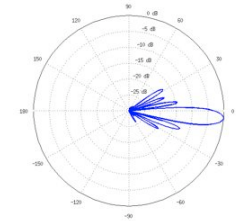
AirMax Sector **2G-16-90**
Hi-gain 16dBi, 90deg.

AirMax Sector **2G-15-120**
Hi-Gain 15dBi, 120deg.

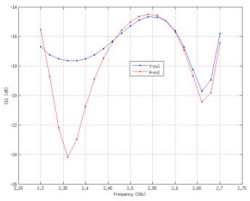
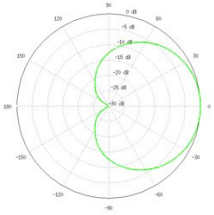
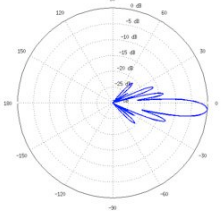
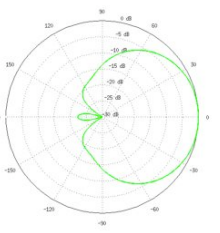
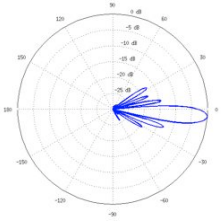
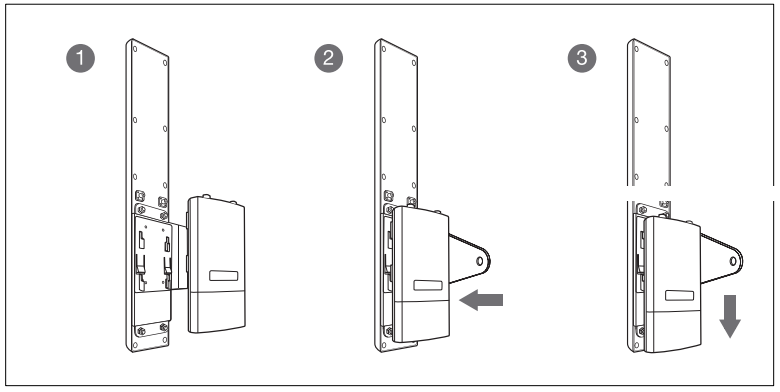
airMAX
MIMO TDMA Protocol System

## TECHNICAL SPECIFICATIONS

### Hi-Gain Airmax Sector 2G-90-16

| Antenna and Electrical Characteristics | | Return Loss | V-Pol Azimuth | V-Pol Elevation | H-Pol Azimuth | H-Pol Elevation |
|---|---|---|---|---|---|---|
| | Frequency Range: 2.3-2.7GHz<br>Gain: 16.0-17.0dBi<br>Polarization: Dual Linear<br>Cross-pol Isolation: 28dB min.<br>Max VSWR: 1.5:1<br>Hpol Beamwidth (6dB): 91 deg.<br>Vpol Beamwidth (6dB): 90 deg.<br>Elevation Beamwidth: 9 deg.<br>Electrical Downtilt: 4 deg.<br>ETSI Specification: EN 302 326 DN2<br>Dimensions: 700x145x79mm<br>Weight: 3.9 kg<br>Windloading: 160 mph |  |  |  |  |  |

### Hi-Gain Airmax Sector 2G-120-15

| Antenna and Electrical Characteristics | | Return Loss | V-Pol Azimuth | V-Pol Elevation | H-Pol Azimuth | H-Pol Elevation |
|---|---|---|---|---|---|---|
| | Frequency Range: 2.3-2.7GHz<br>Gain: 15.0-16.0<br>Polarization: Dual Linear<br>Cross-pol Isolation: 28dB min.<br>Max VSWR: 1.5:1<br>Hpol Beamwidth (6dB): 123 deg.<br>Vpol Beamwidth (6dB): 118 deg.<br>Elevation Beamwidth: 9 deg.<br>Electrical Downtilt: 4 deg.<br>ETSI Specification: EN 302 326 DN2<br>Dimensions: 700x145x93 mm<br>Weight: 4.0 kg<br>Windloading: 160 mph |  |  |  |  |  |

***Instantly pair with Rocket M2 to create a powerful AirMax 2x2 MIMO PtMP BaseStation. Mating bracket and weatherproof RF jumpers included.***