

MiMo Sector Antennas

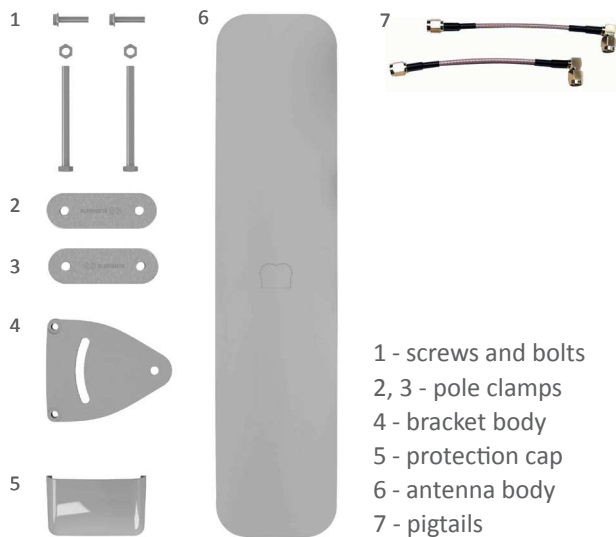
Base Station Solutions Product Datasheet



RF elements MiMo Sector Antennas demonstrate new standard in price/performance, ease of use and environmental resistance.

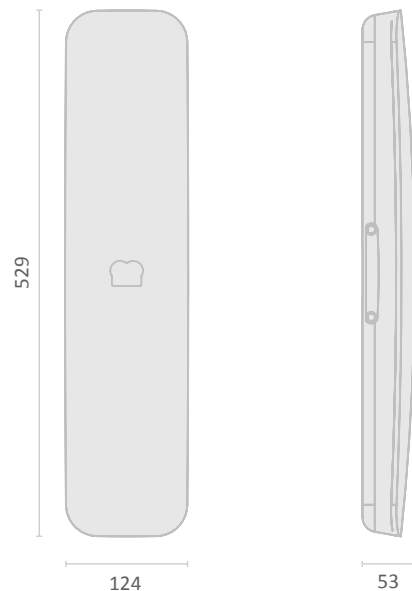
Antennas are equipped with quick mounting system compatible with RF elements StationBox S, compact radio powered by MikroTik Routerboard technology. Advanced, cross platform MiMo Sector solution for professional requirements.

SECTOR ANTENNA – WHAT IS IN PACKAGE



TECHNICAL DATA

| | |
|--------------|--|
| Weight | 1,4 kg / 3,1 lbs – Single Product 14,5 kg / 32,0 lbs – Carton Box |
| Material | ABS plastic - UV protected and weather resistant; Diecast Aluminium |
| Single Piece | Retail Box 70 x 130 x 640 mm 2,8 x 5,1 x 25,2 inches |
| 10pcs Carton | Carton Box 660 x 270 x 351 mm 26 x 10,6 x 13,8 inches |



OTHER FEATURES



DIRECTLY SUPPORTED RADIOS/BOARDS:

RF elements StationBox S powered by MikroTik

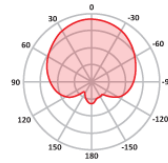
MikroTik RouterBoard RB711 Series, RB411 Series

TECHNICAL SPECIFICATION

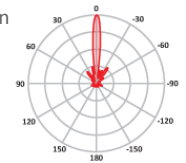
SECTOR MIMO 5-90

| | |
|-------------------------|----------------------|
| Frequency Range | 5350MHz - 5850MHz |
| Gain | 16,6 - 18dBi |
| Polarization | Dual linear, H and V |
| Cross-pol. Isolation | 22dB min. |
| Typical VSWR (max. 1,5) | 1,2 |
| Hpol Beamwidth | 102°(-6dB) |
| V pol Beamwidth | 93°(-6dB) |
| Elevation Beamwidth H | 9° |
| Elevation Beamwidth V | 8,6° |
| Windloading | max. 200km/h |

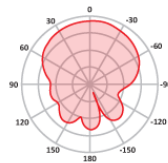
V-Pol radiation



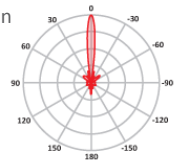
V-pol elevation



H-Pol radiation



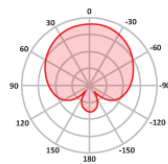
H-pol elevation



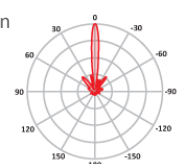
SECTOR MIMO 5-120

| | |
|-------------------------|----------------------|
| Frequency Range | 5350MHz - 5850MHz |
| Gain | 16,4 - 16,8dBi |
| Polarization | Dual linear, H and V |
| Cross-pol. Isolation | 22dB min. |
| Typical VSWR (max. 1,5) | 1,2 |
| Hpol Beamwidth | 125°(-6dB) |
| V pol Beamwidth | 115°(-6dB) |
| Elevation Beamwidth H | 8,9° |
| Elevation Beamwidth V | 8,6° |
| Windloading | max. 200km/h |

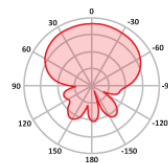
V-Pol radiation



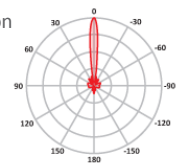
V-pol elevation



H-Pol radiation



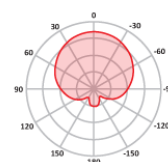
H-pol elevation



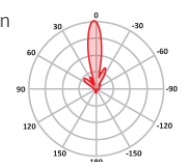
SECTOR MIMO 2-90

| | |
|-------------------------|----------------------|
| Frequency Range | 2400MHz-2850MHz |
| Gain | 14 - 14,7dBi |
| Polarization | Dual linear, H and V |
| Cross-pol. Isolation | 27dB min. |
| Typical VSWR (max. 1,5) | 1,2 |
| Hpol Beamwidth | 90°(-6dB) |
| V pol Beamwidth | 105°(-6dB) |
| Elevation Beamwidth H | 17° |
| Elevation Beamwidth V | 15,6° |
| Windloading | max. 200km/h |

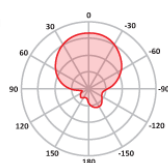
V-Pol radiation



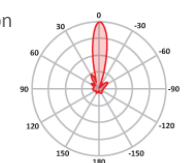
V-pol elevation



H-Pol radiation



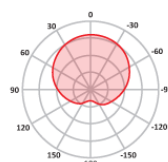
H-pol elevation



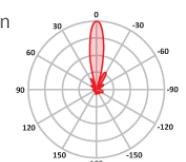
SECTOR MIMO 2-120

| | |
|-------------------------|----------------------|
| Frequency Range | 2400MHz - 2850MHz |
| Gain | 13,6 - 13,9dBi |
| Polarization | Dual linear, H and V |
| Cross-pol. Isolation | 26dB min. |
| Typical VSWR (max. 1,5) | 1,2 |
| Hpol Beamwidth | 115°(-6dB) |
| V pol Beamwidth | 121°(-6dB) |
| Elevation Beamwidth H | 16,5° |
| Elevation Beamwidth V | 16,4° |
| Windloading | max. 200km/h |

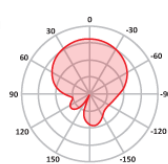
V-Pol radiation



V-pol elevation



H-Pol radiation



H-pol elevation

