

MiMo Sector Antennas

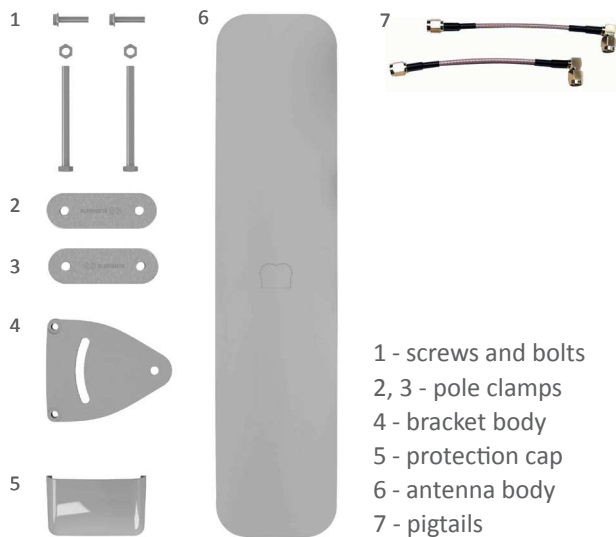
Base Station Solutions Product Datasheet



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

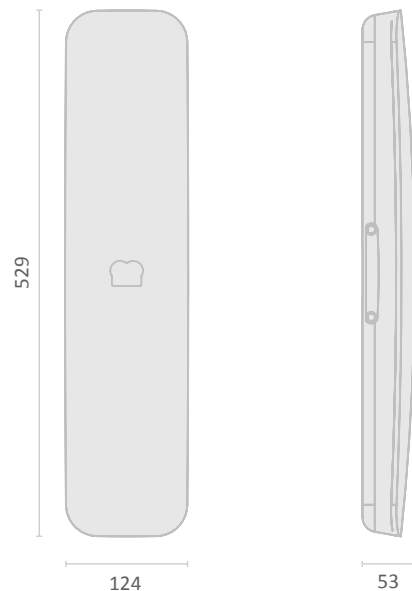
Antennas are equipped with quick mounting system compatible with RF elements StationBox S, compact radio powered by MikroTik Routerboard technology. Advanced, cross platform MiMo Sector solution for professional requirements.

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

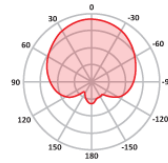
MikroTik RouterBoard RB711 Series, RB411 Series

TECHNICAL SPECIFICATION

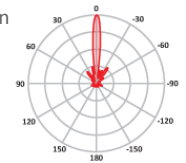
SECTOR MIMO 5-90

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

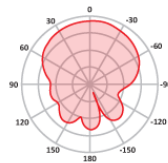
V-Pol radiation



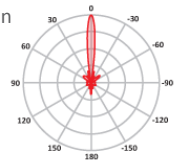
V-pol elevation



H-Pol radiation



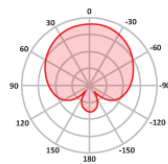
H-pol elevation



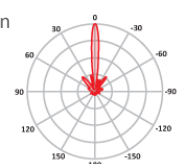
SECTOR MIMO 5-120

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

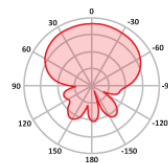
V-Pol radiation



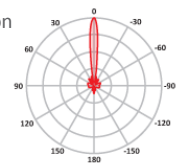
V-pol elevation



H-Pol radiation



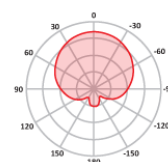
H-pol elevation



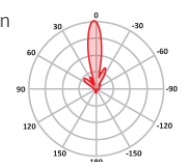
SECTOR MIMO 2-90

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

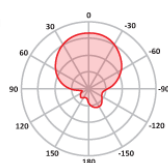
V-Pol radiation



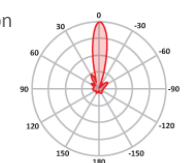
V-pol elevation



H-Pol radiation



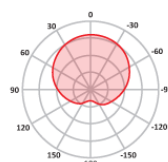
H-pol elevation



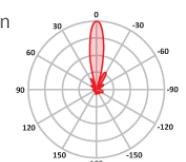
SECTOR MIMO 2-120

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

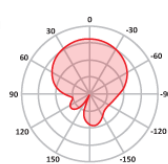
V-Pol radiation



V-pol elevation



H-Pol radiation



H-pol elevation

