RF ELEMENTS®

Sector Antenna

BASE STATION MIMO SECTOR ANTENNAS

RF elements MiMo Sector Antennas demonstrate new standard in compatibility, 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.

Made for MikroTik

TECHNICAL DATA

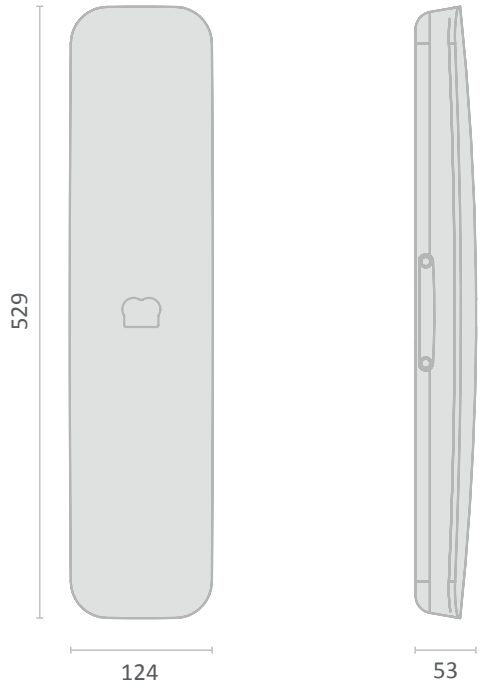
Materials	UV stabilized and weather resistant ABS plastic Die Cast Aluminium
Flame Rating	UL 94 HB
Mounting Diameter	500-700 mm
Operating Temp.	-30 to +60 °C
Wind Survival	160 Km/h
Weight	1.4 Kg / 3.1 lbs – single piece incl. package 14.5 Kg / 32.0 lbs – carton (10 pcs)
Single Unit	Retail Box: 7 × 13 × 64 cm
10 Units	Carton Box: 35 × 27 × 66 cm

COMPATIBLE WIRELESS PLATFORMS

RF elements®	StationBox® Mikro, StationBox® S, StationBox® S CARRIER CLASS, RockShield™
Ubiquiti Networks™	UBNT Rocket™ M2, UBNT Rocket™ M5, UBNT Rocket™ M2 Titanium, UBNT Rocket™ M5 Titanium
Cambium Networks™	ePMP™ 1000 Connectorized Radio*
MikroTik™	BaseBox**

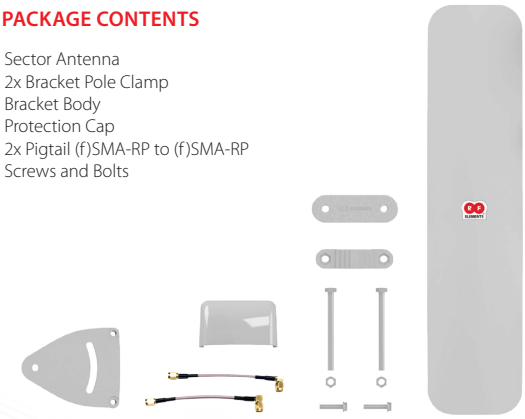
*with EasyBracket™ for ePMP™
**with EasyBracket™ 912

PRODUCT DIMENSIONS



PACKAGE CONTENTS

Sector Antenna
2x Bracket Pole Clamp
Bracket Body
Protection Cap
2x Pigtail (f)SMA-RP to (f)SMA-RP
Screws and Bolts



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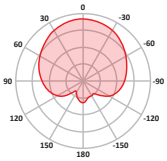
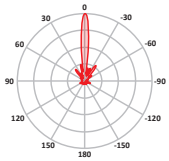
Sector MiMo 5GHz 90° Product ID: SECM590

Frequency Range	5350 - 5850 MHz
Gain Max	16.6 - 18dBi
Polarization	Dual linear, H and V
Cross Pol Isolation	22dB min.
VSWR Typical	1.2
H pol BeamWidth	102°(-6dB)
V pol BeamWidth	93°(-6dB)
Elevation BeamWidth H	9°
Elevation BeamWidth V	8.6°
Wind Survival	max. 200km/h

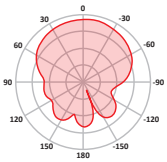
V-Pol radiation



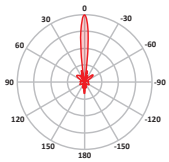
V-Pol elevation



H-Pol radiation



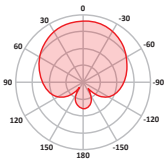
H-Pol elevation



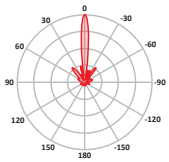
Sector MiMo 5GHz 120° Product ID: SECM5120

Frequency Range	5350 - 5850 MHz
Gain Max	16.4 - 16.8dBi
Polarization	Dual linear, H and V
Cross Pol Isolation	22dB min.
VSWR Typical	1.2
H pol BeamWidth	125°(-6dB)
V pol BeamWidth	115°(-6dB)
Elevation BeamWidth H	8.9°
Elevation BeamWidth V	8.6°
Wind Survival	max. 200km/h

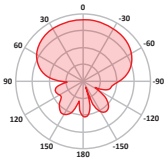
V-Pol radiation



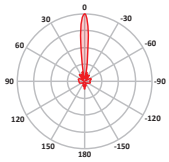
V-Pol elevation



H-Pol radiation



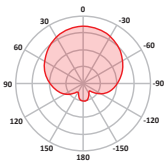
H-Pol elevation



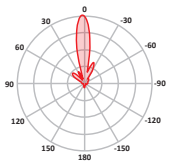
Sector MiMo 2.4GHz 90° Product ID: SECM290

Frequency Range	2400 - 2485 MHz
Gain Max	14 - 14.7dBi
Polarization	Dual linear, H and V
Cross Pol Isolation	27dB min.
VSWR Typical	1.2
H pol BeamWidth	90°(-6dB)
V pol BeamWidth	105°(-6dB)
Elevation BeamWidth H	17°
Elevation BeamWidth V	15.6°
Wind Survival	max. 200km/h

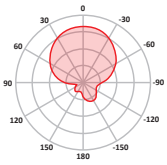
V-Pol radiation



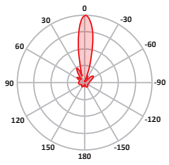
V-Pol elevation



H-Pol radiation



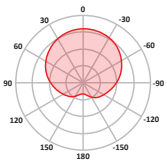
H-Pol elevation



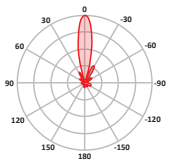
Sector MiMo 2.4GHz 120° Product ID: SECM2120

Frequency Range	2400 - 2485 MHz
Gain Max	13.6 - 13.9dBi
Polarization	Dual linear, H and V
Cross Pol Isolation	26dB min.
VSWR Typical	1.2
H pol BeamWidth	115°(-6dB)
V pol BeamWidth	121°(-6dB)
Elevation BeamWidth H	16.5°
Elevation BeamWidth V	16.4°
Wind Survival	max. 200km/h

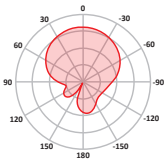
V-Pol radiation



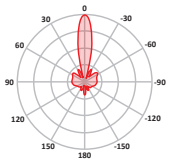
V-Pol elevation



H-Pol radiation



H-Pol elevation



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