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.

TECHNICAL DATA

- Materials: UV stabilized and weather resistant ABS plastic, DieCast Aluminium
- Flame Rating: UL 94 HB
- Mounting Diameter: 50-70 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 × 29 × 67 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

PACKAGE CONTENTS

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

PRODUCT DIMENSIONS

- 29
- 124
- 53

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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

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

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

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