

Sector Carrier Class 5-20 2x2 H+V

SECTOR ANTENNA WITH CARRIER CLASS PERFORMANCE

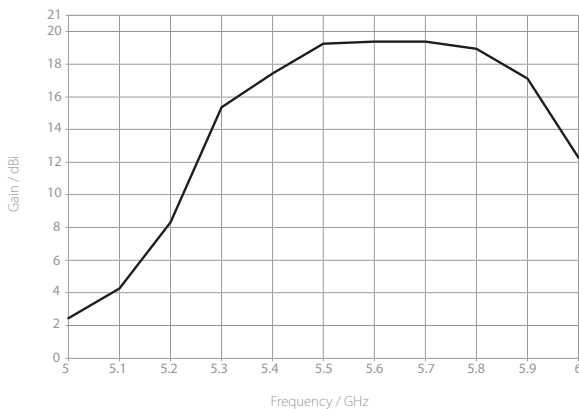
RF elements CARRIER CLASS Sectors are addressing customer requirements for exceptional RF performance, co-location noise resistance, ease of installation and cost efficiency. Our antennas feature an innovative patent pending Back-Shield™ system of frequency selective reflectors that are incorporated into the antenna structure to attenuate side lobes and backside near field radiation.

All CARRIER CLASS Sectors are designed with independent horizontal and vertical polarization antenna elements for unmatched RF performance.

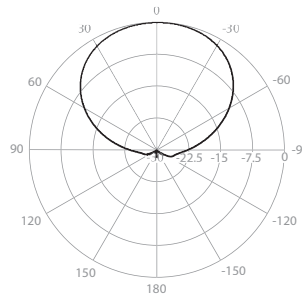


5 GHz 20 dBi

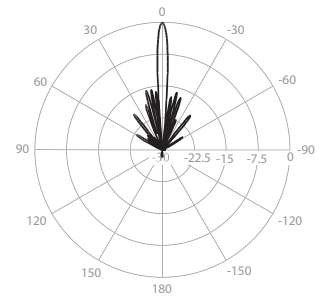
Gain H



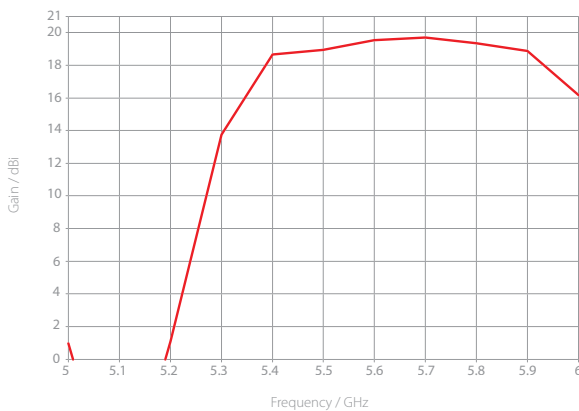
Azimuth Pattern H



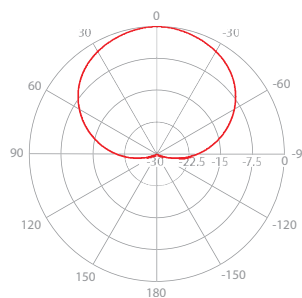
Elevation Pattern H



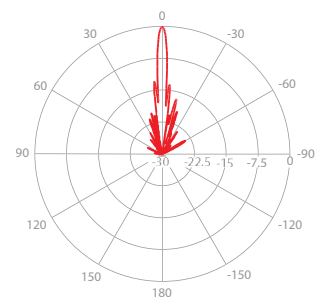
Gain V



Azimuth Pattern V



Elevation Pattern V



PHYSICAL

| | |
|------------------------|--|
| Antenna Connection | 2x RP-SMA on integrated semi-flex pigtails |
| Antenna Type | 5 GHz 20 dBi |
| Environmental | IP55 |
| Temperature | -26°C to +60°C (-15°F to +140°F) |
| Wind Survival | 160 km/hour |
| Electrical Downtilt | 0° |
| Pole Mounting Diameter | max 85 mm |
| Weight | 3.1 kg / 6.8 lbs – single unit 4.1 kg / 9 lbs – single unit incl. package |
| Single Unit | Retail Box: 115 x 10 x 22 cm |

PERFORMANCE

| | |
|----------------------------|-------------------|
| Frequency Range | 5450 - 5850 MHz |
| Gain | 19.7 dBi |
| Polarization | Dual Linear H + V |
| Azimuth Beam Width -3 dB | H 74° / V 74° |
| Elevation Beam Width -3 dB | H 4° / V 4° |
| Azimuth Beam Width -6 dB | H 96° / V 100° |
| Elevation Beam Width -6 dB | H 5° / V 5° |
| Front-to-Back Ratio (Min) | 29 dB |
| Cross Pol Isolation | H 21 dB / V 21 dB |
| Impedance | 50 Ohm |
| VSWR Max | 1.8 |
| VSWR Typical | 1.35 |
| Isolation Between Ports | 27 dB |

COMPATIBLE WIRELESS PLATFORMS

| | |
|--------------------|---|
| RF elements® | StationBox® S, StationBox® S CARRIER CLASS, RockShield™ |
| Cambium Networks™ | ePMP™ 1000 Connectorized Radio* |
| MikroTik™ | BaseBox**, NetBox**, NetMetal ** |
| Ubiquiti Networks™ | UBNT Rocket™ M5, UBNT Rocket™ M5 Titanium UBNT Rocket™ 5ac, UBNT Rocket™ 5ac Prism |

*with EasyBracket™ for ePMP™

**with EasyBracket™ 912

PRODUCT DIMENSIONS

