

Sector Carrier Class 5-20 2x2 H+V

SECTOR ANTENNA WITH CARRIER CLASS PERFORMANCE

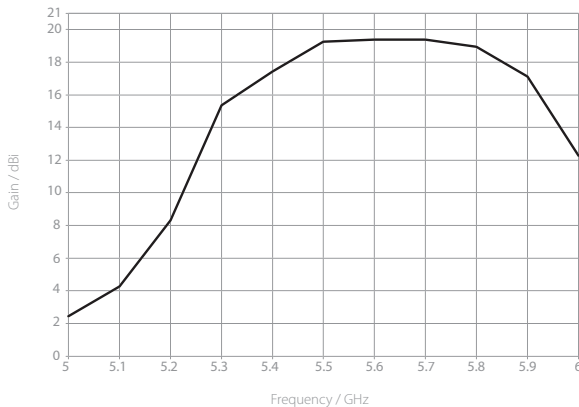
CARRIER CLASS Sectors are addressing customer requirements for RF performance, co-location noise resistance, ease of installation and cost efficiency. Antennas feature innovative BackShield™, patent pending system of frequency selective reflectors incorporated into antenna structure to attenuate side lobes and back side near field radiation.

Sector Antenna 5 GHz 20 dBi is a dual polarization version of CARRIER CLASS Sector with one horizontal and one vertical polarization antenna.

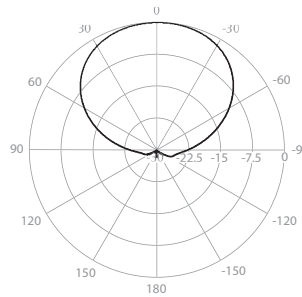


5 GHz 20 dBi

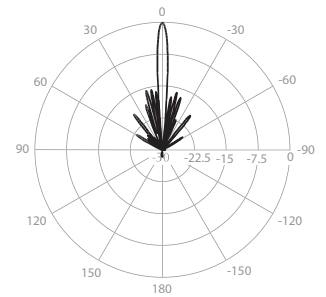
Gain H



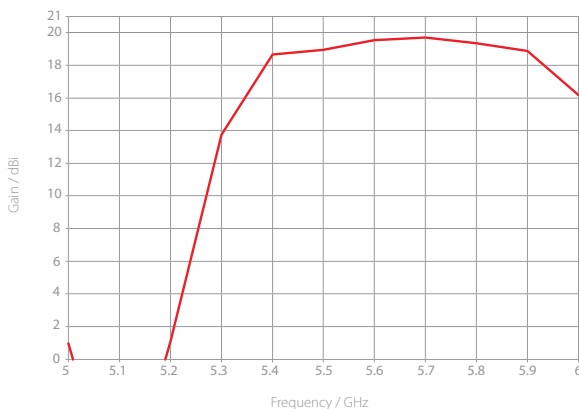
Azimuth Pattern H



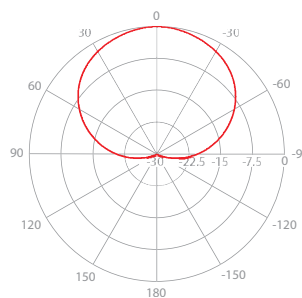
Elevation Pattern H



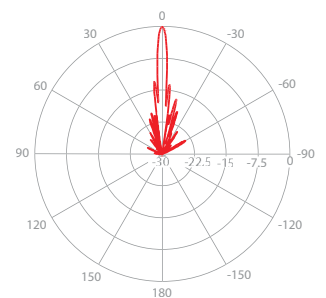
Gain V



Azimuth Pattern V



Elevation Pattern V



PHYSICAL

Antenna Connection	2x RP-SMA on integrated semi-flex pigtails
Antenna Type	5 GHz 20 dBi
Enviromental	IP55
Temperature	-26°C to +60°C (-15°F to +140°F)
Wind Survival	160 km/hour
Weight	3,9 kg
Single Piece	N/A

PERFORMANCE

Frequency Range	5450 - 5850 MHz
Gain Max	19.7 dBi
Gain Typical	19.3 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

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

PRODUCT DIMENSIONS

