

Sector Carrier Class 2-14 2x2 H+V

SECTOR ANTENNA WITH CARRIER CLASS PERFORMANCE

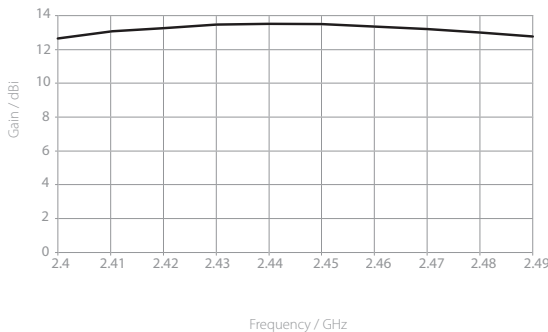
CARRIER CLASS Sectors are addressing customer requirements for RF performance, co-location noise resistance, ease of installation and cost efficiency. Antennas feature innovative BackShield™, patent pending system of frequency selective reflectors incorporated into antenna structure to attenuate side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

Sector Antenna 2.4 GHz 14 dBi is a dual polarization version of CARRIER CLASS Sector with one horizontal and one vertical polarization antenna.

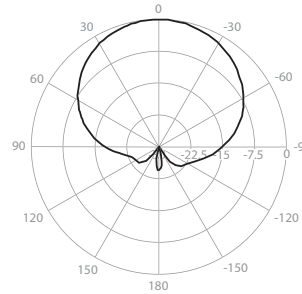


2,4 GHz 14 dBi

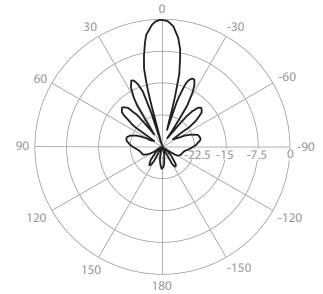
Gain H



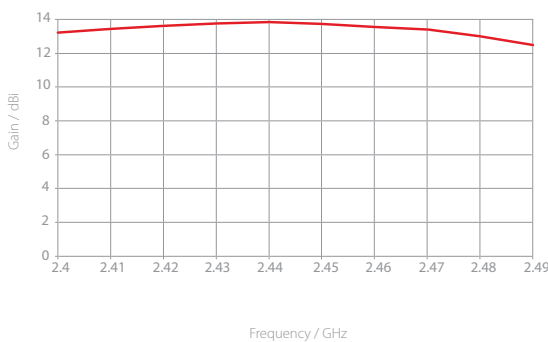
Azimuth Pattern H



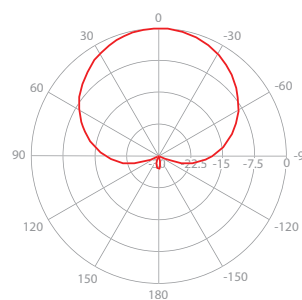
Elevation Pattern H



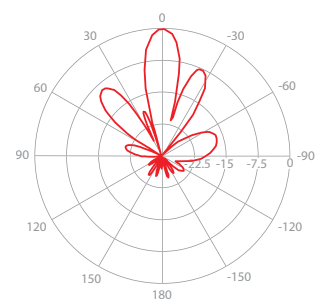
Gain V



Azimuth Pattern V



Elevation Pattern V



PHYSICAL

Antenna Connection	2x RP-SMA on integrated semi-flex pigtails
Antenna Type	2.4 GHz 14 dBi
Environmental	IP55
Temperature	-26°C to +60°C (-15°F to +140°F)
Wind Survival	160 km/hour
Weight	3.9 kg
Single Piece	Retail Box: 97 x 22 x 10 cm

PERFORMANCE

Frequency Range	2400 - 2485 MHz
Gain Max	13.8 dBi
Gain Typical	13.5 dBi
Polarization	Dual Linear H + V
Azimuth Beam Width -3 dB	H 75° / V 69°
Elevation Beam Width -3 dB	H 14.5° / V 14°
Azimuth Beam Width -6 dB	H 108° / V 100°
Elevation Beam Width -6 dB	H 20° / V 19°
Front-to-Back Ratio (Min)	24 dB
Cross Pol Isolation	H 15 dB / V 13.5 dB
Impedance	50 Ohm
VSWR Max	1.8
VSWR Typical	1.4
Isolation Between Ports	18 dB

COMPATIBLE WIRELESS PLATFORMS

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

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

PRODUCT DIMENSIONS

