

Item no.: SEC-CC-2-14

SEC-CC-2-14 - Sector Carrier Class Antenna 2-14 2x2 H+V

91,52 EUR

Item no.: SEC-CC-2-14
shipping weight: 3.60 kg
Manufacturer: RF Elements



Product Description

RF Elements Sector Carrier Class Antenna 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. The antennas feature the innovative BackShield(TM), a patent pending system of frequency selective reflectors incorporated into the 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.

Specifications

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
- Dimensions: 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(R): StationBox(R) S, StationBox(R) S CARRIER CLASS, RockShield(TM)
- Cambium Networks(TM): ePMP(TM) 1000 Connectorized Radio*
- MikroTik(TM): BaseBox**, NetBox**
- Ubiquiti Networks(TM): UBNT Rocket(TM) M2, UBNT Rocket(TM) M2 Titanium

*with EasyBracket(TM) for ePMP(TM)**with EasyBracket(TM) 912

Specifications

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prices and availability

