

Item no.: AH90-CC

AH90-CC - 90° Asymmetrical Beam Antenna

from **153,20 EUR**

Item no.: AH90-CC
 shipping weight: 7.20 kg
 Manufacturer: RF Elements



Product Description

AH90-CC - 90° Asymmetrical Beam Antenna

The radiation pattern of 90° Asymmetrical Horn CC Antenna is 90° wide in the azimuth plane and 25° in elevation. Increased gain and excellent beam efficiency greatly improve coverage planning options.

90° Asymmetrical Horn CC Antenna exceeds the traditional patch array of sector antennas thanks to the high stability of the radiation pattern throughout the bandwidth of operation. Outstanding noise rejection and precision of the radiation pattern favor the antenna for high-density access point clusters and densely co-located sites. 90° Asymmetrical Horn CC features a pair of N-female connectors ensuring a wide range of radio connectivity.

Technical Data

- Radio connection: 2x N female bulkhead connector
- Antenna type: Horn
- Materials: UV resistant ABS plastic, polycarbonate, HDPE, aluminium, stainless steel
- Environmental: IP55
- Pole mounting diameter: 40-80 mm (1.5-3.1 inch), recommended as close to 80 mm (3.1 inch) as possible
- Temperature: -35°C to +60°C (-31°F to +140°F)
- Wind survival: 160 km/h (100 mi/h)
- Wind load: 64/90 N - front/side at 160 km/h (100 mi/h)
- Effective projected area: 525/744 cm² - front/side (81.4/115.3 in²)
- Mechanical adjustment: ± 20° elevation, ± 20° azimuth
- Weight: 5.3 kg (11.6 lbs)
- Dimensions retail box: 510 x 420 x 175 mm (20 x 16.5 x 6.8 inch)

Performance

- Frequency range: 5180 - 6000 MHz
- Gain: 16 dBi
- Azimuth beam width -3 dB: H 60°/V 60°
- Elevation beam width -3 dB: H 16°/V 16°
- Azimuth beam width -6 dB: H 90°/V 90°
- Elevation beam width -6 dB: H 25°/V 25°
- Beam efficiency: 90 %
- Front-to-back ratio: 30 dB
- VSWR max. 5180-6000 MHz: 1.8
- Polarization: Dual linear H + V
- Impedance: 50 Ohm

Specifications

**Scan this QR code to
view the product**
All details, up-to-date
prices and availability



