

Item no.: AH20-CC

AH20-CC - 20° Asymmetrical Beam Antenna

from 155,71 EUR

Item no.: AH20-CC shipping weight: 5.70 kg Manufacturer: RF Elements



Product Description

AH20-CC - 20° Asymmetrical Beam Antenna

The radiation pattern of the 20° Asymmetrical Horn CC Antenna is 20° wide in the azimuth plane and 30° in elevation. Increased gain and high beam efficiency greatly improve coverage planning options.

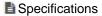
The 20° Asymmetrical Horn CC Antenna exceeds the traditional patch array sector antennas thanks to the high stability of the radiation pattern throughout the bandwidth of operation. Outstanding noise rejection and precision of the radiation pattern favor the antenna for high-density access point clusters and densely co-located sites. The 20° 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, aluminum, stainless steel
- Enviromental: IP55
- Pole mounting diameter: 40-80 mm (recommended as close to 80 mm as possible)
 Temperature: -35°C to +60°C (-31°F to +140°F)
 Wind survival: 160 km/hour
 Wind loading: 67 N at 160 km/hour
 Mechanical adjustment: ±20° elevation, ±20° azimuth

- Weight: 4.5 kg/10.0 lbs
- Dimensions: 435 x 360 x 250 mm/17.1 x 14.2 x 9.8 inch

Performance

- Frequency range: 5180 6000 MHz
 Gain: 20.5 dBi
 Azimuth beam width -3 dB: H 15°/V 15°
- Elevation beam width -3 dB: H 21°/V 21°
 Azimuth beam width -6 dB: H 20°/V 20°
 Elevation beam width -6 dB: H 30°/V 30°
- Beam efficiency: 95%
- Front-to-back ratio: 35 dB
 VSWR max. 5180-6000 MHz: 1.8
- Polarization: Dual linear H + VImpedance: 50 Ohm



Scan this QR code to view the product

All details, up-to-date prices and availability

