

Item no.: HG3-CC-A20

HG3-CC-A20 - 20° Asymmetrical Beam Antenna

from **143,58 EUR**

Item no.: HG3-CC-A20
shipping weight: 6.50 kg
Manufacturer: RF Elements



Product Description

RF elements HG3-CC-A20 - 20° Asymmetrical Beam Antenna

The 20° asymmetrical horn CC antenna has a radiation pattern narrow in the azimuth and wide in the elevation plane, greatly improving the coverage planning options. Increased gain and zero side lobes are suitable for rural deployments.

The 20° asymmetrical horn CC antenna exceeds the traditional patch array sector antenna thanks to high stability of gain and radiation pattern in the whole bandwidth of operation. Outstanding noise rejection and precision of radiation pattern favor the 20° asymmetrical horn CC antenna for high-density AP clusters and dense co-location sites. The 20° asymmetrical horn CC antenna features two N-female connectors.

- Radio connection: 2x N female bulkhead connector
- Antenna type: Horn
- Materials: UV resistant ABS plastic, Polycarbonate, HDPE, Aluminium, stainless steel
- Environmental protection: IP55
- Pole mounting diameter: 36-80 mm (recommended as close to 80 mm as possible)
- Temperature: -35°C to +55°C (-31°F to +131°F)
- Wind survival: 160 km/h
- Wind loading: 67 N at 160 km/h
- Mechanical adjustment: +/-25° elevation, +/-20° azimuth
- Weight: 4.5 kg/10.0 lbs – single unit; 6.6 kg/14.6 lbs – single unit incl. package
- Dimensions - retail box: 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 + V
- Impedance: 50 Ohm

Specifications

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



