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RF Elements HG3-CC-A30 | Sector antenna | 5GHz - 6GHz, 20.5dBi, 30°, 2x N-Female

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link to the product:
https://www.batna24.com/gb/p/wi-fi-lte-antennas/rf-elements-hg3-cc-a30-sector-antenna-5ghz-6ghz-205dbi-30-2x-n-female

Price: **645.75 zł** gross / 525.00 zł net

Manufacturer: RF ELEMENTS

Referention number: DNXGFQPMKRMNHI

Full product description

Groundbreaking RF Sector Antennas Elements Horn CC

Horn CC asymmetric antennas, including the **HG3-CC-A30** model, provide a unique asymmetric beamformer while maintaining the excellent noise rejection and overall superior performance of a well-designed horn antenna with **N-Female connectors**. This allows for a new level of network scalability and increased throughput. Horn CC asymmetrical antennas complete the Horn series of excellent symmetrical antennas.

Unique asymmetrical beam

Horn CC asymmetric antennas have a unique beam shape. The cross section of the beam is elliptical: wide in azimuth and narrow in elevation

plane. This is useful for applications where an asymmetrical beam shape provides better coverage.

No side leaves

Asymmetrical**Horn CC anten** nas have naturally attenuated side lobes due to their optimized design: they concentrate energy in one main beam. The absence of side lobes provides excellent network immunity to interference when using **Asymmetrical Horn CC**antennas.

Broadband performance

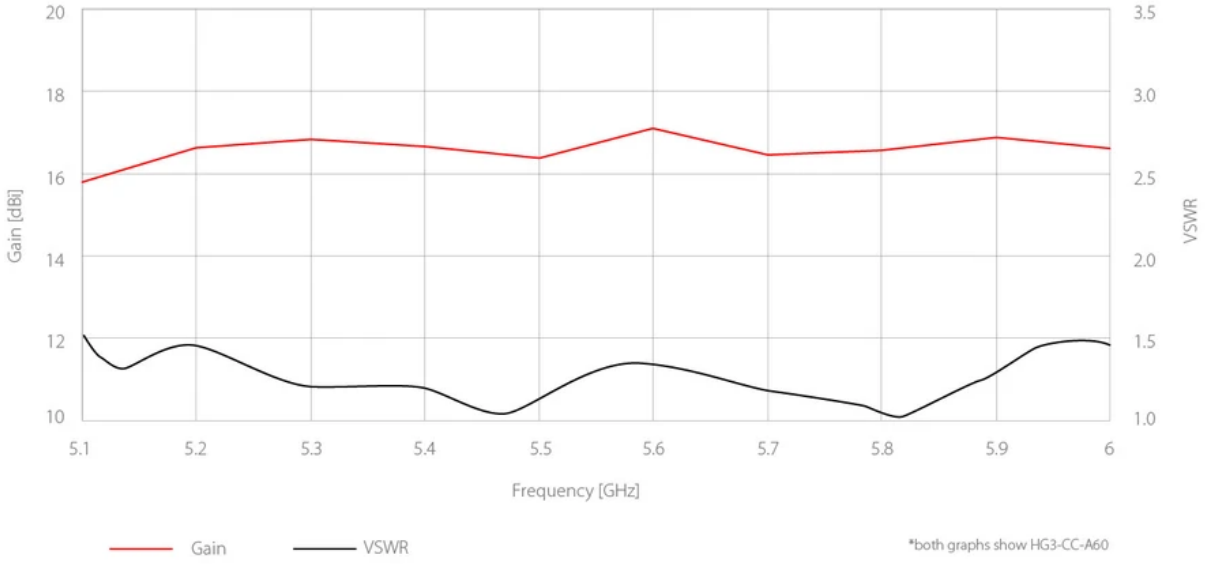
The radiation pattern of **Asymmetrical Horn CC** antennas is stable over the entire bandwidth.

Balanced horizontal and vertical beam characteristics

Horn CC Asymmetrical Antennas have balanced horizontal and vertical beam patterns. Balanced H+V beams are very difficult to achieve for antennas with asymmetrical beam patterns and this is an area where all competitive products in the market fail. Balanced H+V beams are a critical feature for stable link operation when switching channels.

High gain of asymmetrical Horn CC antennas

AsymmetricalHorn CC antennas have higher gain compared to **Symmetrical Horn** antennas with the same azimuth beamwidth. Horn CC Asymmetrical Antennas cover a very **wide frequency range: 5180-6000 MHz** with excellent VSWR performance.



Perfect signal coverage

Mainstream patch array sector antennas have a very wide radiation pattern in azimuth and a very narrow one in elevation plane. If the AP is installed on a tall tower, customers near the tower suffer from low AP signal levels. **Horn CC asymmetric antennas** provide valuable additional degrees of beamwidth at elevation, reducing the null zone while maintaining increased gain for long ranges.

N-type connectors

Horn CC asymmetrical antennas feature **N-female** connectors, used in a wide range of devices such as the **Mimosa A5c, Cambium Networks PMP 450, LigoWave** and many others.


ELEMENTS