

Item no.: HG3-CC-S50

## HG3-CC-S50 - Symmetrical Horn Carrier Class Antenna Gen. 2

from **114,12 EUR**

Item no.: HG3-CC-S50  
shipping weight: 2.50 kg  
Manufacturer: RF Elements



### Product Description

RF Elements HG3-CC-S50 - Symmetrical Horn Carrier Class Antenna Gen 2 Symmetrical Horn CC antennas Gen2 offer unrivalled RF performance in a compact housing. The scalable horn antennas have symmetrical main beams with identical beam widths in the vertical and horizontal planes. Exceptionally small side lobes ensure remarkable interference suppression. HG3-CC Gen2 antennas are ideal for covering areas with customers close to the installation site where zero zone problems are present. The unique radiation patterns and compact size enable high density AP clusters and radio co-location. Symmetrical Horn CC Gen2 antennas offer numerous improvements in RF performance and design, namely the optically lighter housing and the significantly improved mounting bracket. The radomes are made of more durable material and all HG3-CC Gen2 antennas use only two radome sizes. The HG3-CC Gen2 antenna is equipped with N sockets. Technical data- Radio connection: 2x N sockets- Antenna type: Horn- Materials: UV-resistant polycarbonate, polypropylene, aluminium, zinc, stainless steel- Protection class: IP55- Mast mounting diameter: 30-90 mm- Temperature: -30°C to +55°C (-22°F to +131°F)- Wind resistance: 160 km/h- Wind load: 22 N at 160 km/h- Mechanical tilt: +/-25°- Weight: 1.9 kg- Sales packaging dimensions: 30.5 x 23.9 x 18.3 cm- Performance- Frequency range: 5180 - 6400 MHz- Gain: 14.3 dBi- Azimuth/Elevation BW -3 dB: H 33°/V 33°-Azimuth/Elevation BW -6 dB: H 50°/V 50°- Front-to-back ratio: 33 dB- VSWR max. 5180-5850 MHz: 1.6-VSWR max. 5850-6400 MHz: 1.9-Polarisation: Dual linear H + V- Impedance: 50 Ohm

### Specifications

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All details, up-to-date  
prices and availability

