

Item no.: HG3-CC-S90

## HG3-CC-S90 - Symmetrical Horn Carrier Class Antenna Gen 2

from **108,66 EUR**

Item no.: HG3-CC-S90  
shipping weight: 2.50 kg  
Manufacturer: RF Elements



### Product Description

RF Elements HG3-CC-S90 - Symmetrical Horn Carrier Class Antenna Gen 2

Symmetrical Horn CC Antennas Gen2 offer unique RF performance in a compact package. Scalar horn antennas have symmetrical main beam with identical beam width in vertical and horizontal plane. Exceptionally small side lobes ensure remarkable interference suppression. HG3-CC Gen2 Antennas are ideal for coverage of areas with clients close to the installation site, where null zone issues exist. High density AP clusters and radio co-location is made possible due to unique radiation patterns and compact size.

Symmetrical Horn CC Antennas Gen2 feature multiple improvements of RF performance and design, namely, optically lighter body and significantly improved bracket. Radome is made of more resistant material, and all of HG3-CC Gen2 antennas use only two radome sizes. HG3-CC Gen2 antenna is equipped with N-female connectors.

#### Technical Data

- Radio connection: 2x N female bulkhead connectors
- Antenna type: Horn
- Materials: UV resistant polycarbonate, polypropylene, aluminium, zinc, stainless steel
- Environmental: IP55
- Pole mounting diameter: 30-90 mm
- Temperature: -30°C to +55°C (-22°F to +131°F)
- Wind survival: 160 km/h
- Wind loading: 22 N at 160 km/h
- Mechanical tilt: +/-25°
- Weight: 1.8 kg
- Dimensions retail box: 30.5 x 23.9 x 18.3 cm

#### Performance

- Frequency range: 5180 - 6400 MHz
- Gain: 9.6 dBi
- Azimuth/elevation BW -3 dB: H 67°/V 67°
- Azimuth/elevation BW -6 dB: H 90°/V 90°
- Front-to-back ratio: 28 dB
- VSWR max. 5180-5850 MHz: 1.6
- VSWR max. 5850-6400 MHz: 1.9
- 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

