

RF elements Symmetrical Horn Antenna Carrier Class, 5GHz, 14dBi, 50 Degrees, Gen2 (HG3-CC-S50)



Product Name: RF elements Symmetrical Horn Antenna Carrier Class, 5GHz, 14dBi, 50 Degrees, Gen2 (HG3-CC-S50)

Manufacturer: RF Elements

Model Number: HG3-CC-S50

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The RF elements HG3-CC-S50 offers 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. It is 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. RF elements HG3-CC-S50 Key Features

- Unique radiation patterns
- Compact size
- Light body

RF elements HG3-CC-S50 - Technical Specification
Technical Data

- Radio Connection: 2x N Female Bulkhead Connector
- Antenna Type: Horn
- Materials: UV Resistant polycarbonate, Polypropylene, Aluminium, Zinc, Stainless Steel
- Environmental: IP55
- Flame Rating: UL 94 HB
- Pole Mounting Diameter: 30-90 mm
- Temperature: -30°C to +55°C (-22°F to +131°F)
- Wind Survival: 160 km/hour
- Wind Loading: 22 N at 160 km/hour
- Mechanical Tilt: ± 25°
- Weight: - 1.9 Kg / 4.1 lbs – single unit - 2.7 Kg / 5.9 lbs – single unit incl. package - 27.7 Kg / 61 lbs – carton (10 units)
- Single Unit: - Retail Box: 30.5 × 23.9 × 18.3 cm
- 10 Units: - Carton Box: 94 x 51 x 33.5 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

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Price: £186.20
