

Symmetrical Horn Carrier Class SH-CC 5-60

CONNECTORIZED SYMMETRICAL HORN ANTENNA WITH CARRIER CLASS PERFORMANCE

The SH-CC Series offer unique RF performance in a very compact package. Scalar horn antennas have symmetrical beams with identical patterns in the Vertical and Horizontal plain. Extremely small side lobes secure greatly decreased interference.

SH-CC Antennas are ideal for covering areas with close in clients where null zone issues occur. High density AP clusters and radio co-location is now practical due to very unique RF radiation patterns and compact size.

SH-CC 5-60 antenna is equipped with N-female connectors.

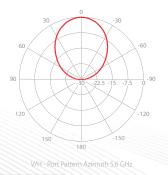
TECHNICAL DATA

| Radio Connection | 2x N Female Bulkhead Connector |
|------------------------|---|
| Antenna Type | Horn |
| Materials | UV Resistant polycarbonate, Polypropylene, Aluminium, Zinc, Stainless Steel |
| Enviromental | IP55 |
| Pole Mounting Diameter | 15-86 mm |
| Temperature | -30°C to +55°C (-22°F to +131°F) |
| Wind Survival | 160 km/hour |
| Mechanical Tilt | ± 25° |
| Weight | 1.8 Kg / 4 lbs – single unit 2.5 Kg / 5.5 lbs – single unit incl. package 26.3 Kg /58 lbs – carton (10 units) |
| Single Unit | Retail Box: 31.5 × 19.5 × 22 cm |
| 10 Units | Carton Box: 111 \times 34 \times 41 cm |

PERFORMANCE

| Frequency Range | 5180 - 6100 MHz |
|----------------------------|-------------------|
| Gain | 13.2 dBi |
| Azimuth/Elevation BW -3 dB | H 41°/V 41° |
| Azimuth/Elevation BW -6 dB | H 60°/V 60° |
| Front-to-Back Ratio | 36 dB |
| VSWR Max | 1.8 |
| Polarization | Dual Linear H + V |
| Impedance | 50 Ohm |

AZIMUTH PATTERN

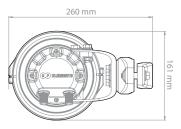


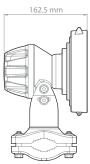
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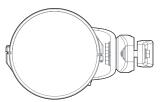
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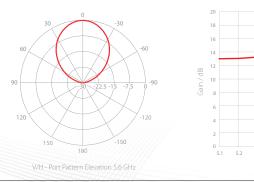




V/H Gain (IEEE)



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