

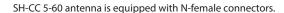
# **Symmetrical Horn Carrier Class**

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.





#### **TECHNICAL DATA**

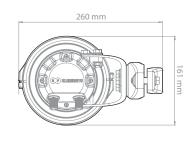
Radio Connection	2x N Female Bulkhead Connector	
Antenna Type	Horn	
Materials	UV Resistant polycarbonate, Polypropylene, Aluminium, Zinc, Stainless Steel	
Enviromental	IP55	
Pole Mounting Diameter	15-86 mm	
Temperature	-30°C to +55°C (-22°F to +131°F)	
Wind Survival	160 km/hour	
Mechanical Tilt	± 25°	
Weight	1.8 Kg / 4 lbs* – single unit 2.6 Kg / 5.7 lbs* – single unit incl. package N/A Kg / lbs – carton (N/A units)	
Single Unit	Retail Box: $31 \times 20 \times 22$ cm*	
N/A Units	Carton Box: N/A	

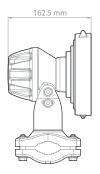
<sup>\*</sup>Estimation based on pre-production units. Subject to change.

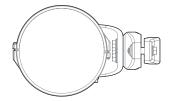
#### **PERFORMANCE**

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

#### PRODUCT DIMENSIONS

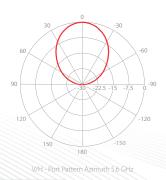




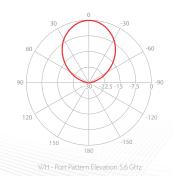




#### **AZIMUTH PATTERN**



#### **ELEVATION PATTERN**



### GAIN

