

# Symmetrical Horn Carrier Class

## SH-CC 5-30

### 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 5-30 antenna is equipped with N-female connectors.



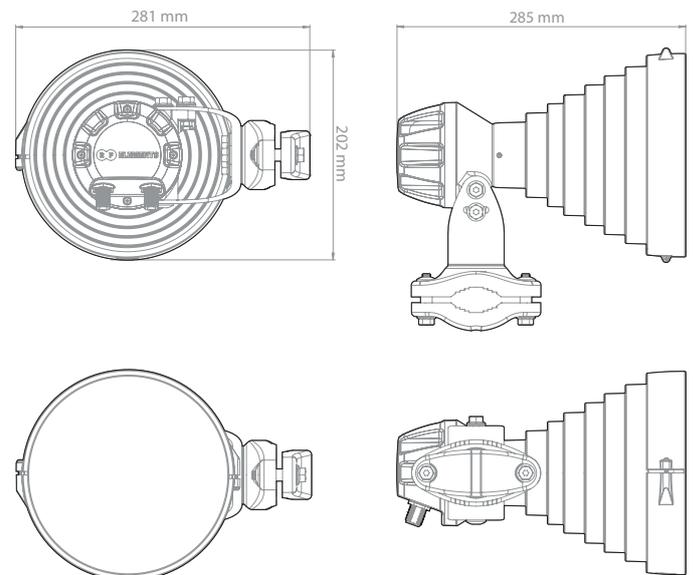
#### TECHNICAL DATA

Radio Connection	2x N Female Bulkhead Connector
Antenna Type	Horn
Materials	UV Resistant polycarbonate, Polypropylene, Aluminium, Zinc, Stainless Steel
Environmental	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	2.3 Kg / 5 lbs – single unit 3.2 Kg / 7 lbs – single unit incl. package 17.1 Kg / 38 lbs – carton (5 units)
Single Unit	Retail Box: 31 x 32 x 24 cm
5 Units	Carton Box: 118 x 32 x 36 cm

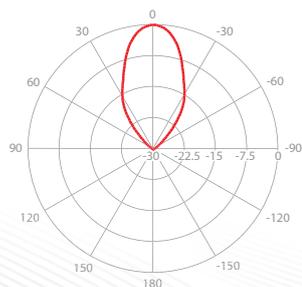
#### PERFORMANCE

Frequency Range	5180 - 6100 MHz
Gain	18,5 dBi
Azimuth/Elevation BW -3 dB	H 21° / V 21°
Azimuth/Elevation BW -6 dB	H 30° / V 30°
Front-to-Back Ratio	41 dB
VSWR Max	1.8
Polarization	Dual Linear H + V
Impedance	50 Ohm

#### PRODUCT DIMENSIONS

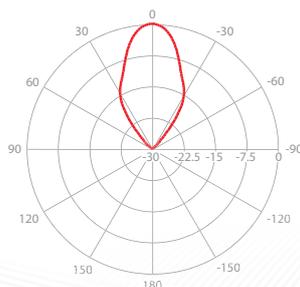


#### AZIMUTH PATTERN



V/H - Port Pattern Azimuth 5.6 GHz

#### ELEVATION PATTERN



V/H - Port Pattern Elevation 5.6 GHz

#### GAIN

