

Asymmetrical Horn™ 45°

COMPACT 5 GHz ASYMMETRICAL HORN ANTENNA

HG4-CC-A45 provides unique set of features. It combines a compact form factor with asymmetrical beam pattern, providing increased gain, standard coaxial N Female connectors, and a new advanced, corrosion resistant mounting system.

HG4-CC-A45 excels in environment where space is limited, such as dense cluster deployments or micro-PoPs. Asymmetrical beam pattern provides 17dBi of gain together with excellent noise immunity. Antenna is very compact, lightweight and easy to install thanks to UBR mount and integrated handle.



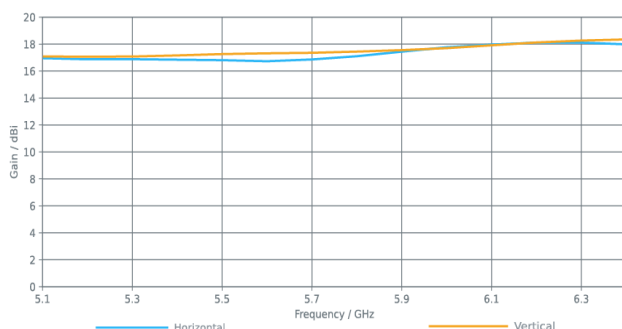
TECHNICAL DATA

| | |
|--------------------------|---|
| Antenna Connection | 2x N Female |
| Antenna Type | Asymmetrical Horn |
| Materials | UV Resistant ABS Plastic, Polyethylene, Aluminum, Stainless Steel |
| Environmental | IP55 |
| Flame Rating | UL 94 HB |
| Pole Mounting Diameter | 30-80 mm (1.1-3.1 inch) Recommend as close to 80 mm (3.1inch) as possible |
| Temperature | -30°C to +55°C (-22°F to +131°F) |
| Wind Survival | 180 km/h (110 mph) |
| Wind Load | 30/41 N - Front/Side at 160 km/h (100 mph) |
| Effective Projected Area | 247/335 cm² - Front/Side (38.3/51.9 inch²) |
| Mechanical Tilt | ± 25° |
| Weight | Product: 2.63 kg / 5.8 lbs Retail Box: 3.66 kg / 8 lbs Carton: 20 kg / 44 lbs |
| Single Unit | Retail Box: 315 x 255 x 255 mm / 12.4 x 10 x 10 inch |
| 5 Units | Carton Box: 1290 x 335 x 285 mm / 50.8 x 13.2 x 11.2 inch |

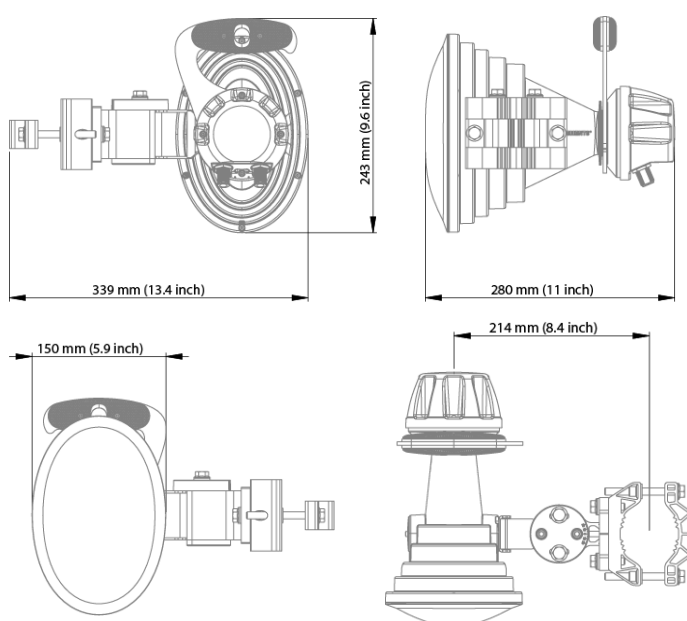
PERFORMANCE

| | |
|----------------------------|-----------------|
| Frequency Range | 5150 - 6400 MHz |
| Gain | 17 dBi |
| VSWR | ≤ 1.6 |
| Azimuth Beam Width -3 dB | H 31° / V 30° |
| Elevation Beam Width -3 dB | H 21° / V 20° |
| Azimuth Beam Width -6 dB | H 44° / V 45° |
| Elevation Beam Width -6 dB | H 30° / V 29° |
| Beam Efficiency | 90 % |
| Front-to-Back Ratio | 30 dB |

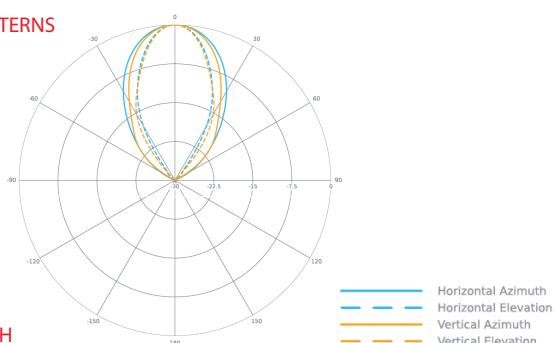
GAIN



PRODUCT DIMENSIONS



POLAR PATTERNS



BEAMWIDTH

