

Symmetrical Horn™ 30°

SYMMETRICAL HORN ANTENNA

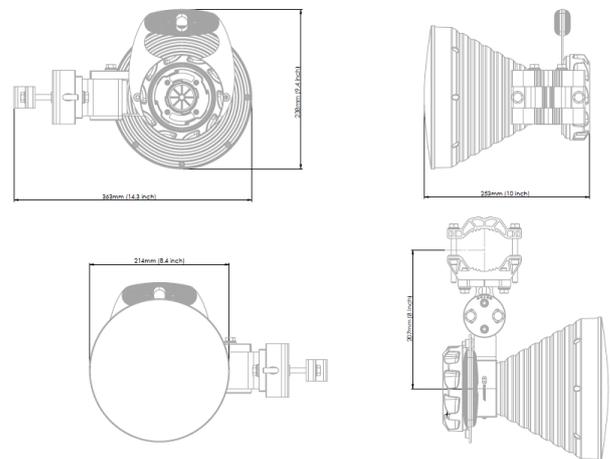
4th generation of our 5 GHz Symmetrical Horn Antenna Series. Great performance in a compact form factor. Excellent solution for dense deployments and cost effective network scalability.

New ergonomic upgrades with integrated handle and standardized UBR mounting bracket. Frequency range 5150 - 6700 MHz reaches way beyond 5 GHz band!

TECHNICAL DATA

Antenna Connection	Waveguide Port
Antenna Type	Symmetrical Horn
Materials	UV Resistant ABS Plastic, Polyethylene, Aluminium, Stainless Steel
Environmental	IP55
Flame Rating	UL 94 HB
Pole Mounting Diameter	20-55 mm (0.8-2.1 inch) Recommend as close to 55 mm (2.1 inch) as possible
Temperature	-30°C to +55°C (-22°F to +131°F)
Wind Survival	160 km/h (100 mi/h)
Wind Load	52/21 N - Front/Side at 160 km/h (100 mi/h)
Effective Projected Area	428/175 cm ² - Front/Side (66.3/27.1 inch ²)
Mechanical Tilt	± 30°
Weight	1.5 kg (2.8 lbs) – single unit 1.9 kg (4.1 lbs) – single unit incl. package* 20.9 kg (46 lbs) – carton (10 units)
Single Unit	Retail Box: 269 x 240 x 240 mm (10.5 x 9.4 x 9.4 inch)
10 Units	Carton Box: 1210 x 490 x 277 mm (47.6 x 19.2 x 10.9 inch)

PRODUCT DIMENSIONS



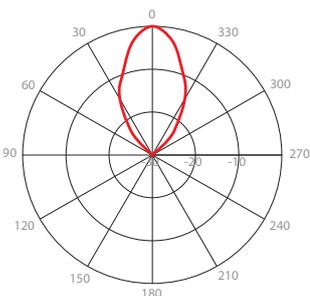
PERFORMANCE

Frequency Range	5150 - 6700 MHz
Gain	18 dBi
Azimuth Beam Width -3 dB	H 20° / V 20°
Elevation Beam Width -3 dB	H 20° / V 20°
Azimuth Beam Width -6 dB	H 30° / V 30°
Elevation Beam Width -6 dB	H 30° / V 30°
Beam Efficiency*	92 %
Front-to-Back Ratio	33 dB

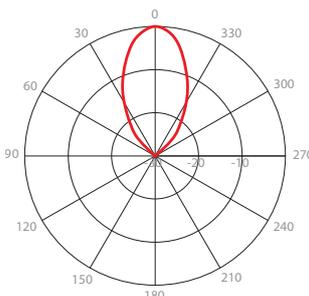
COMPATIBLE WIRELESS PLATFORMS

TwistPort™ WG Connector	Any 5 GHz TPA
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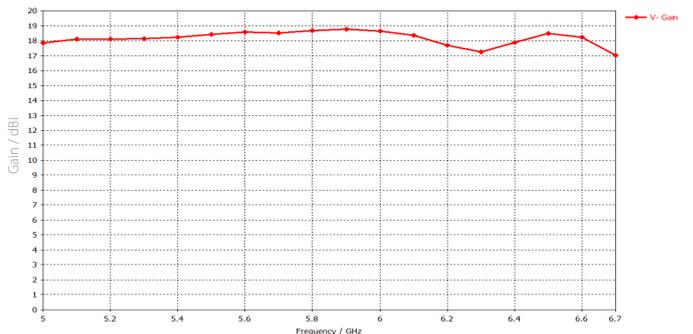
AZIMUTH PATTERN



ELEVATION PATTERN



GAIN



*Main beam defined up to first null