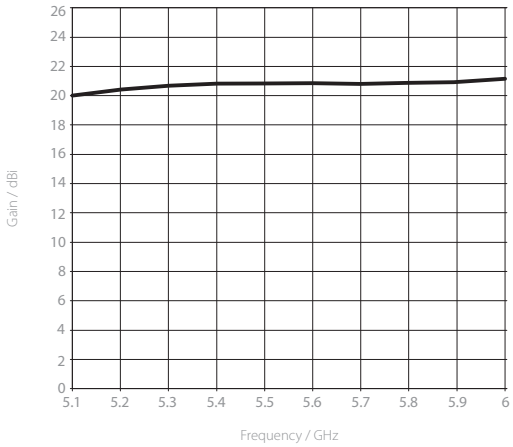
StarterDish™ 21 UM

DIRECTIONAL PARABOLIC DISH ANTENNA

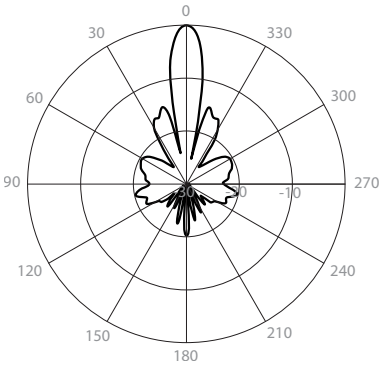
StarterDish™ antennas are designed for CPE applications. Antenna is light weight with their reflector made of steel StarterDish™ antennas provide excellent beam performance in cost effective package. Antennas are easy to assemble and come in highly economical 5 packs.

Warning: harsh environment (coastal areas, chimney gases, chemical factories, volcanos) may cause premature oxidation of the StarterDish™ antenna body. For deployments in harsh environment we recommend using UltraDish™ antennas.

Gain H

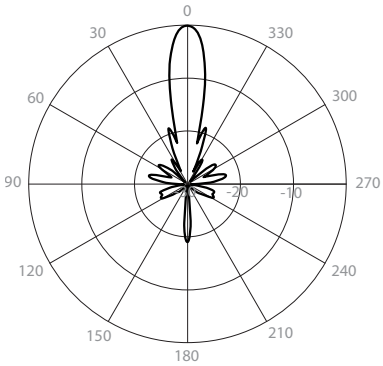


Azimuth Pattern H



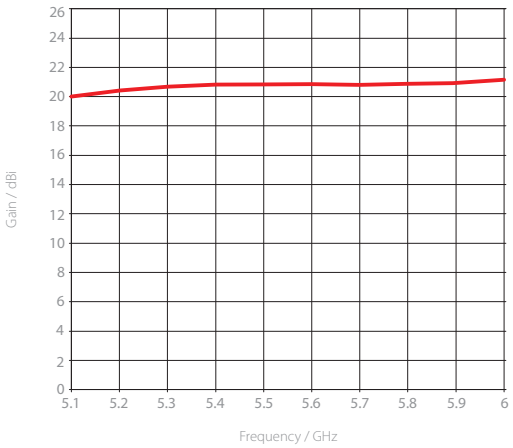
H - Port Pattern Azimuth 5.6 GHz

Elevation Pattern H

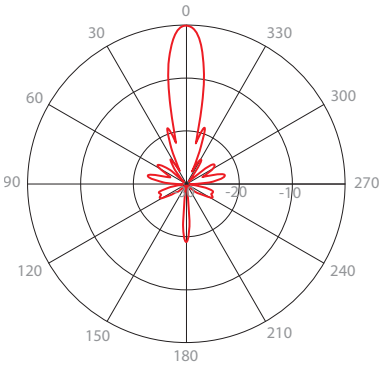


H - Port Pattern Elevation 5.6 GHz

Gain V

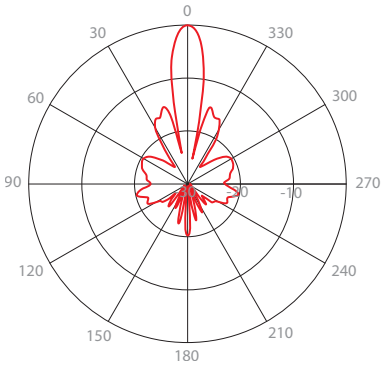


Azimuth Pattern V



V - Port Pattern Azimuth 5.6 GHz

Elevation Pattern V



V - Port Pattern Elevation 5.6 GHz

PHYSICAL

Antenna Connection	Waveguide Port
Antenna Type	Parabolic Dish
Materials	UV Resistant ABS Plastic, Aluminium, Steel, Zinc Plated Steel & Stainless Steel Hardware
Environmental	IP65
Pole Mounting Diameter	20-55 mm (0.8-2.1 inch) Recommended as close to 55 mm (2.1 inch) as possible
Temperature	-35°C to +55°C (-31°F to +131°F)
Wind Survival	160 km/h (100 mi/h)
Wind Load	69/13 N - Front/Side at 160 km/h (100 mi/h)
Effective Projected Area	563/104 cm^2 - Front/Side (87.3/16 in^2)
Mechanical Adjustment	± 15° Elevation
Weight	1.2 kg (2.6 lbs) – single unit* 9 kg (19.8 lbs) – 5PACK (5 units) incl. package*
Dimensions	Retail Box 5PACK: 695 x 447 x 110 mm (27.3 x 17.5 x 4.3 inch)

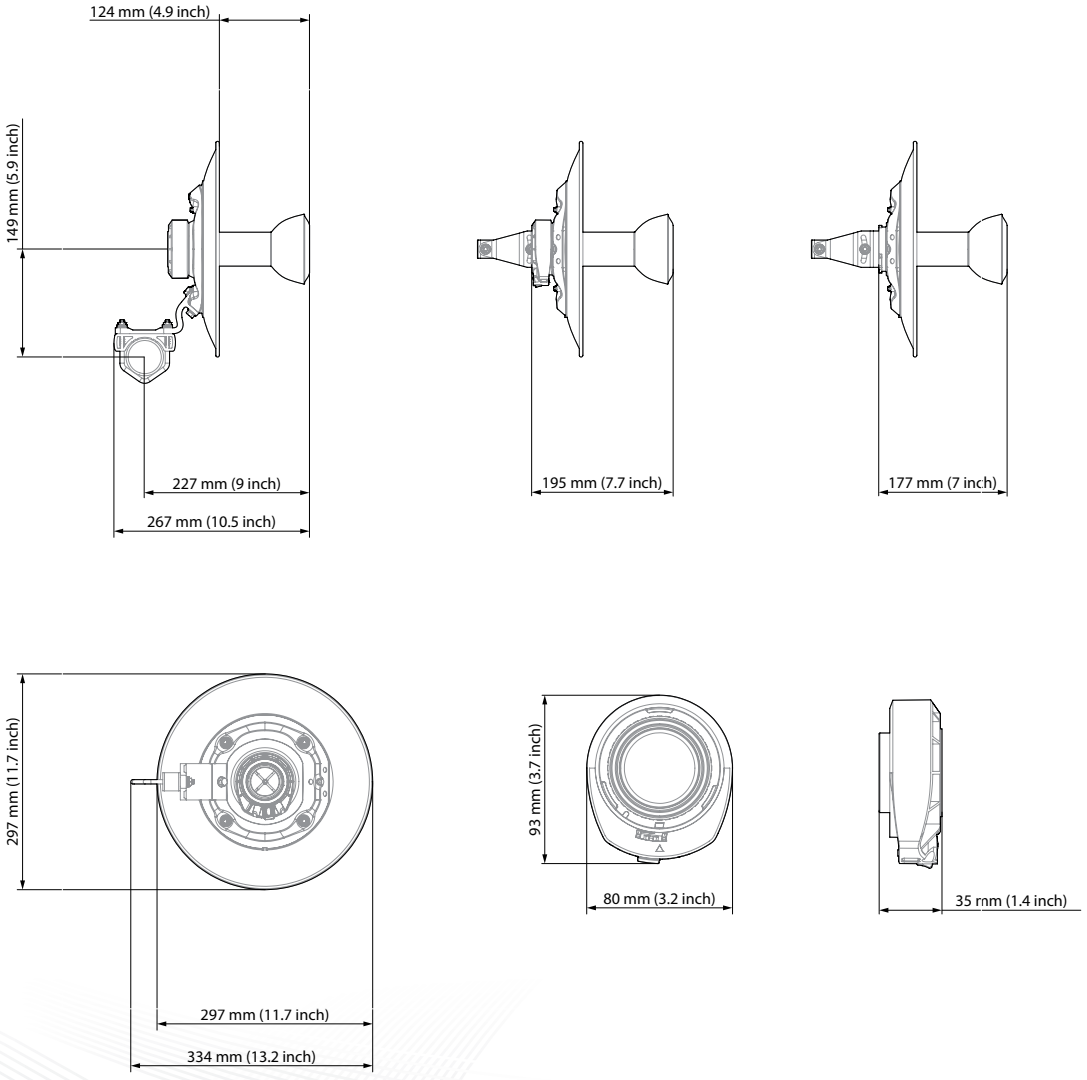
PERFORMANCE

Gain	21 dBi
Frequency Range	5150 - 5950 MHz
Azimuth Beam Width -6 dB	H 15° / V 15°
Elevation Beam Width -6 dB	H 15° / V 15°
Azimuth Beam Width -3 dB	H 11° / V 11°
Elevation Beam Width -3 dB	H 11° / V 11°
Beam Efficiency*	28%
Front-to-Back Ratio (Min)	24 dB

COMPATIBLE WIRELESS PLATFORMS

RF elements®	StarterAdapter™ SMA
Mimosa® by Airspan	C5x
Ubiquiti Networks®	PrismStation™ 5AC, IsoStation™ 5AC, IsoStation™ M5

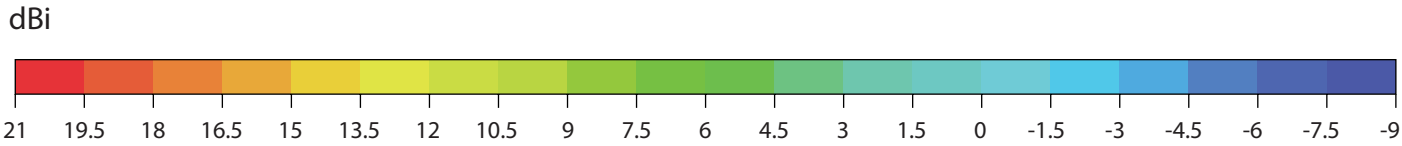
PRODUCT DIMENSIONS

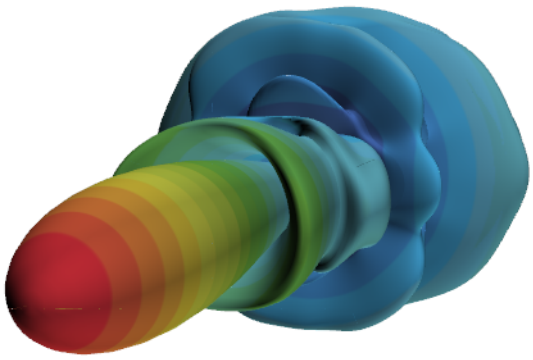


*Main beam defined up to first null

3D radiation diagram

Scale: 30dBi
Compatible with: Adobe Acrobat Reader DC. Not supported on mobile.
Use mouse to rotate the diagram. Scroll in/out to zoom in/out.





FRONT	BACK	RIGHT	LEFT	UP	DOWN

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