

StarterDish™ 27 UM

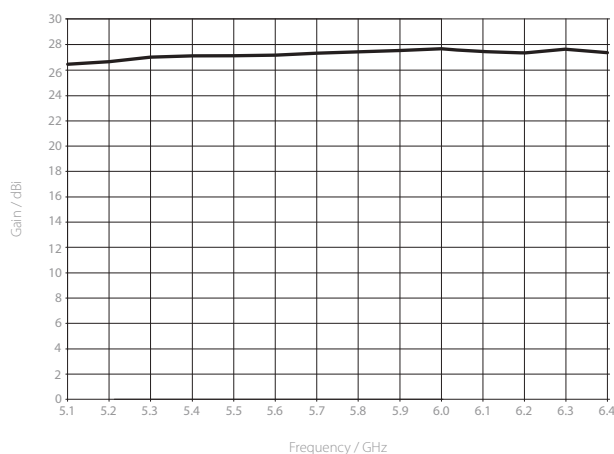
DIRECTIONAL PARABOLIC DISH ANTENNA

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.

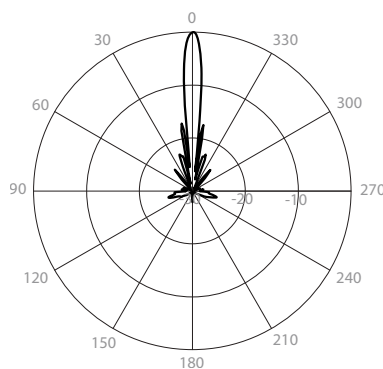
Warning: harsh environment (coastal areas, chimney gases, chemical factories, volcanos) may cause premature oxidation of the StarterDish™ antenna body. For deployments in harsh environment we recommend using UltraDish™ antennas.



Gain H

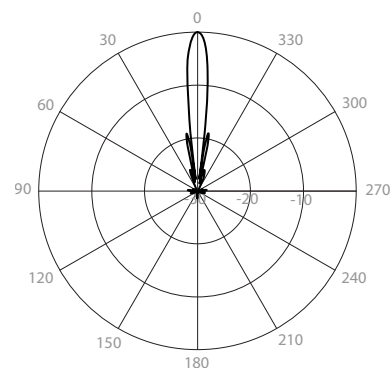


Azimuth Pattern H



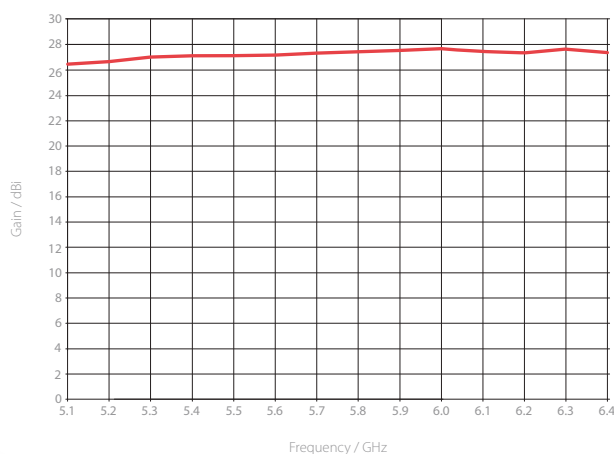
H - Port Pattern Azimuth 5.6 GHz

Elevation Pattern H

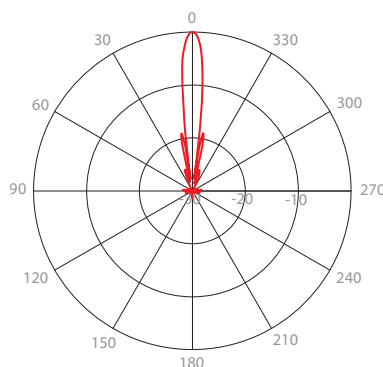


H - Port Pattern Elevation 5.6 GHz

Gain V

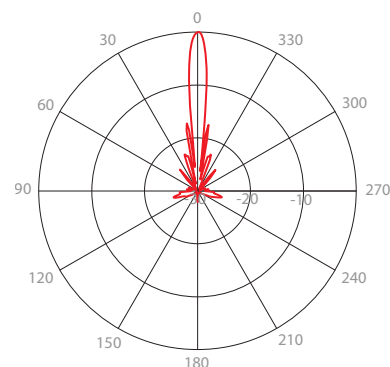


Azimuth Pattern V



V - Port Pattern Azimuth 5.6 GHz

Elevation Pattern V



V - Port Pattern Elevation 5.6 GHz

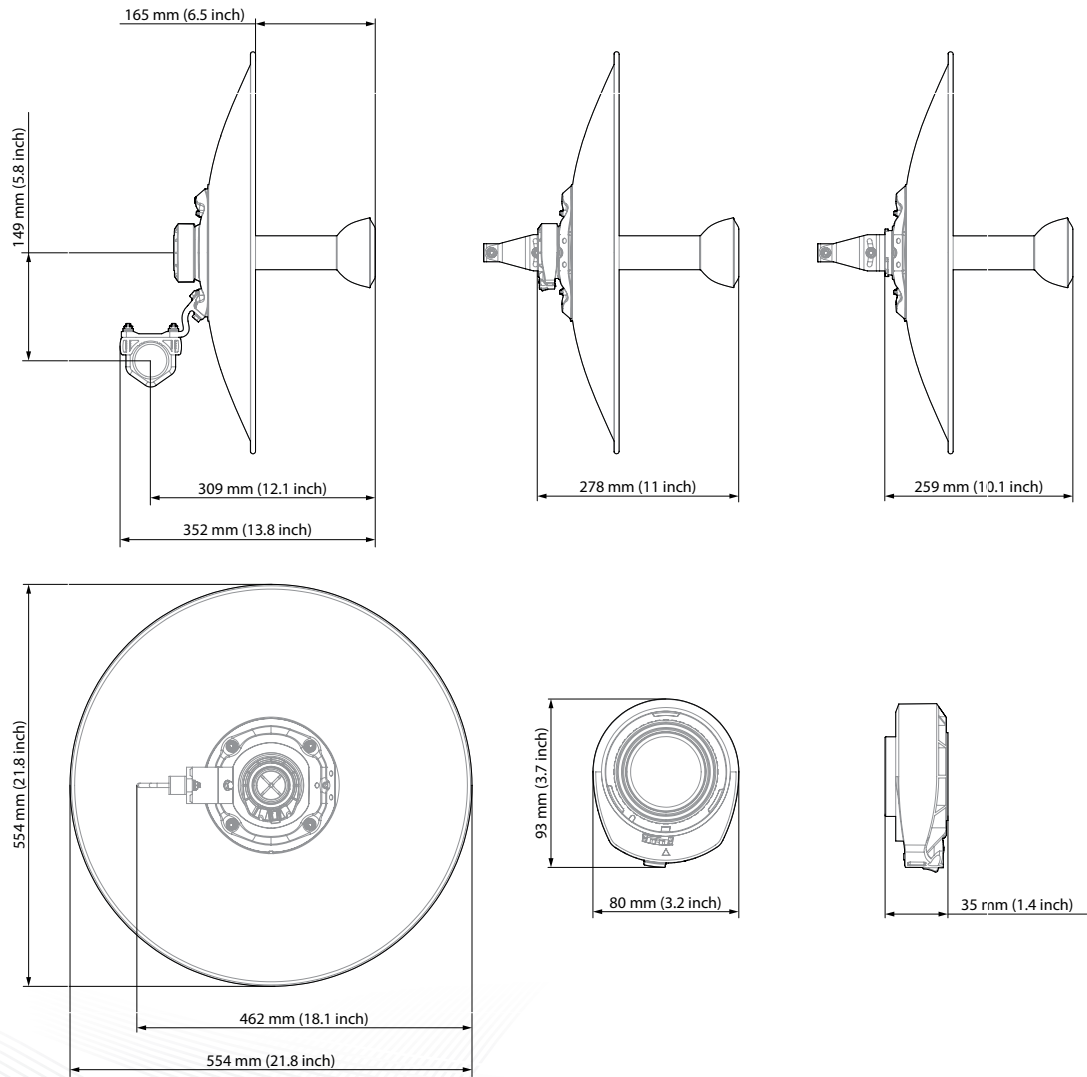
PHYSICAL

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	275/28 N - Front/Side at 160 km/h (100 mi/h)
Effective Projected Area	2254/231 cm² - Front/Side (349.4/35.8 in²)
Mechanical Adjustment	± 15° Elevation
Weight	2.5 kg (5.5 lbs) – single unit 16 kg (35.2 lbs) – 5PACK (5 units) incl. package
Dimensions	Retail Box 5PACK: 867 x 620 x 112 mm (34.1 x 24.4 x 4.4 inch)

COMPATIBLE WIRELESS PLATFORMS

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

PRODUCT DIMENSIONS



* We strongly recommend that users do not operate radios outside of the specified frequency range. **Main beam defined up to first null



This product was produced under the conditions of a certified management system that meets the requirements of the ISO 9001, ISO 14001 and ISO 45001 standard, while this system was certified by QSCert.

PERFORMANCE

Gain	27 dBi
Frequency Range	5150 - 6400 MHz*
Azimuth Beam Width -6 dB	H 8° / V 8°
Elevation Beam Width -6 dB	H 8° / V 8°
Azimuth Beam Width -3 dB	H 6° / V 6°
Elevation Beam Width -3 dB	H 6° / V 6°
Beam Efficiency**	42%
Front-to-Back Ratio (Min)	33 dB