

# StarterDish™ 27 UM

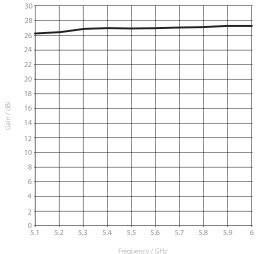
#### DIRECTIONAL PARABOLIC DISH ANTENNA

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

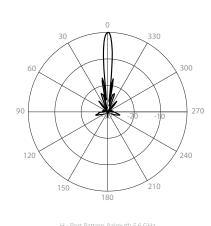
Warning: harsh environment (coastal areas, chimney gases, chemical factories, volcanos) may cause premature oxidation of the StarterDish™ antenna body. For deployments in harsh environment we recommend using UltraDish™ antennas.



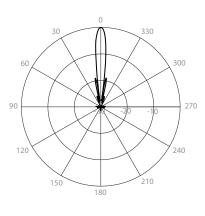
### Gain H



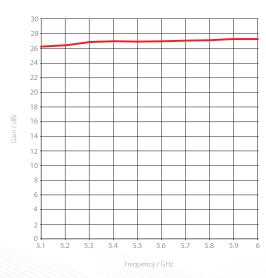
#### Azimuth Pattern H



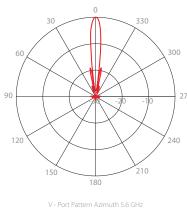
#### Elevation Pattern H



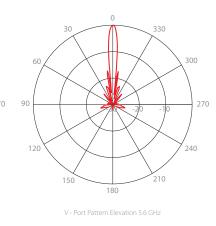
## Gain V



## Azimuth Pattern V



## Elevation Pattern V



## **Product Datasheet**



## **PHYSICAL**

Antenna Connection	Waveguide Port	
Antenna Type	Parabolic Dish	
Materials	UV Resistant ABS Plastic, Aluminium, Steel, Zinc Plated Steel & Stainless Steel Hardware	
Enviromental	IP65	
Pole Mounting Diameter	20-55 mm (recommend as close to 55 mm as possible)	
Temperature	-35 °C to + 55 °C (-31 °F to + 131 °F)	
Wind Survival	160 km/hour	
Wind Loading	252 N at 160 km/hour	
Mechanical Adjustment	± 15° Elevation	
Weight	2.5 kg / 5.5 lbs – single unit (one antenna) 16 kg / 35.2 lbs – 5PACK (5 units) incl. package	
Dimensions	Retail Boy 5DACK: 867 v 620 v 112 mm / 341 v 244 v 44 inch	

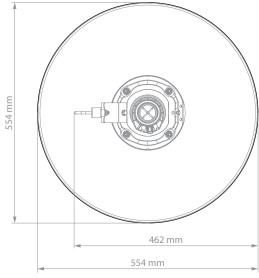
#### **COMPATIBLE WIRELESS PLATFORMS**

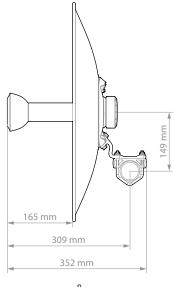
RF elements®	StarterAdapter™ SMA	
Mimosa® by Airspan	C5x	
Ubiquiti Networks®	PrismStation™ 5AC, IsoStation™ 5AC, IsoStation™ M5	

## **PERFORMANCE**

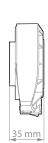
Gain	27 dBi
Frequency Range	5150 - 5950 MHz
Azimuth Beam Width -6 dB	H8°/V8°
Elevation Beam Width -6 dB	H8°/V8°
Azimuth Beam Width -3 dB	H6°/V6°
Elevation Beam Width -3 dB	H6°/V6°
Beam Efficiency*	42%
Front-to-Back Ratio (Min)	33 dB

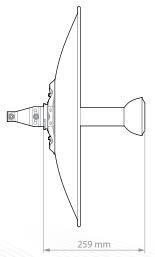
#### **PRODUCT DIMENSIONS**

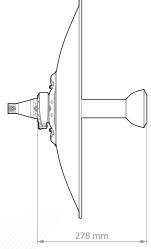












\*Main beam defined up to first null