

# SPECIFICATION

- Model No. : **SDPA-5158VH-29**
- Product Name : 5GHz MIMO Parabolic Dish Antenna
- Features :
  - 5150-5850MHz wide band
  - Excellent front to back ratio
  - Aluminum reflector dish
  - UV Stable light gray polymer finish
  - All weather operation
  - Vertical and horizontal polarization.



# 1. Introduction

The solid parabolic dish Antenna features excellent front to back ratio. It is ideally suited for directional applications, point to point systems. It is ideally suited for 802.11a wireless LAN equipment for the 5150-5850MHz wideband.

The reflector dish of this antennas is constructed from high quality aluminum which gives them superior strength. The dish is coated in a light gray UV-inhibited polymer for durability and aesthetics. The antenna is supplied with a 0deg - 30deg tilt and swivel mast mount kit. This allows installation at various degrees of incline for easy alignment.

# 2. Specification

Type	Parabolic Dish antenna
Model No.	SDPA-5158VH-29
<b>Electrical Specifications</b>	
Frequency	5150-5850MHz
Bandwidth	700MHz
Gain	2 x 29dBi
Beamwidth	Horizontal :6° Vertical: 6°
VSWR	≤1.5
F/B Ratio	≥25dB
Radiation Properties	Directional
Power Handling	100W
Polarization	Vertical and Horizontal
Impedance	50 Ohms
Lightning protection	DC Ground
<b>Mechanical Specifications</b>	
Dimensions (mm)	Φ60cm
Weight	5kg
Connector	2 x N Female
Mount Style	Pole Mount
Color	Gray
<b>Environmental Specifications</b>	
Wind Resistance	100km/h
Temperature Range	-40°C to 85°C