

# 4.9/5.8 Ghz Dual Pol Dish Antenna

Product ID: ATA-DS50HV-25

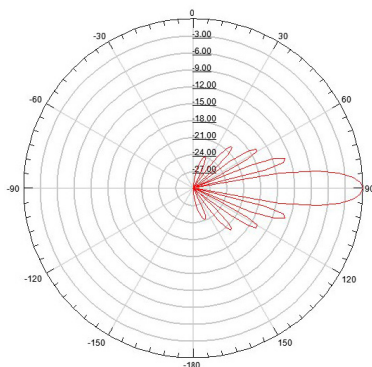
Electrical Specifications			
Frequency	4900-5150MHz	5150-5500MHz	5500-5900MHz
Polarization	Vertical & Horizontal		
Gain	25±1dBi	26±1dBi	26.5±1dBi
VSWR	≤1.8:1	≤1.8:1	≤1.8:1
Horizontal beam-width	12°±0.5°	11°±0.5°	11°±0.5°
Vertical beam-width	12°±0.5°	11°±0.5°	11°±0.5°
Front-to-back ratio	≥26dB	≥27dB	≥27dB
Isolation	≥30dB		
Input Impedance	50 Ω		
Max power	50 W		
Lightning protection	DC Ground		



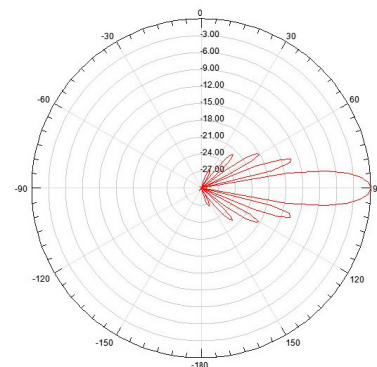
Mechanical Specifications	
Connector Type	2*N Female
Dimensions - D x H	Φ450*320mm (Φ17.7*12.6inch)
Radiating Element Material	Aluminum
Reflector Material	Aluminum
Weight	5.5kgs
Mounting Pole	Φ40 mm to Φ65 mm
Operating temperature	-40 °C to 60 °C
Wind velocity	200 km/h (survival)

## Patterns:

### 4900-5900MHz



Horizontal



Vertical