

5Ghz Dual Pol Sector MIMO Antenna

Product ID: ATA-ST50HV90-18-4C

Electrical Specifications

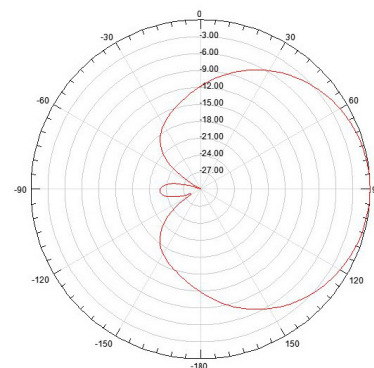
Frequency	4900-5900MHz
Polarization	Vertical & Horizontal
Gain	18±0.5dBi
VSWR	≤1.5:1
Horizontal beam-width	90°
Vertical beam-width	7°
Front-to-back ratio	≥23dB
Isolation	≥30dB
Input Impedance	50 Ω
Max power	100 W
Lightning protection	DC Ground



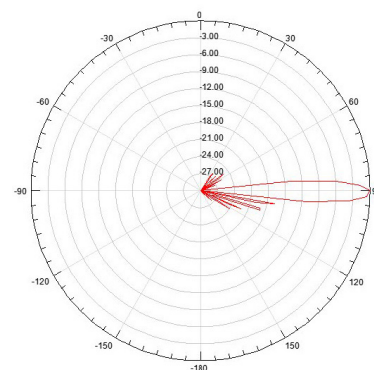
Mechanical Specifications

Connector Type	4*N Female
Dimensions - L x W x H	580*280*80mm (22.8*11*3.1inch)
Radiating Element Material	Aluminum
Reflector Material	Aluminum
Weight	5kgs
Radome material	UPVC
Radome Color	Grey
Mounting Pole	Φ30 mm to Φ55mm
Operating temperature	-40 °C to 60 °C
Wind velocity	200 km/h (survival)

Patterns:



Horizontal



Vertical