

2Ghz & 5Ghz Dual Band Dual Pol Sector Antenna

Product ID: ATA-ST2550HV90-16-18-4C

Electrical Specifications		
Frequency	2300-2700MHz	5200-5900MHz
Polarization	Vertical & Horizontal	Vertical & Horizontal
Gain	16±1 dBi	18±1 dBi
VSWR	≤1.5:1	
Horizontal beam-width	90°	
Vertical beam-width	8°	
Front-to-back ratio	≥23dB	
Isolation	≥30dB	
Input Impedance	50 Ω	
Max power	100 W	
Lightning protection	DC Ground	

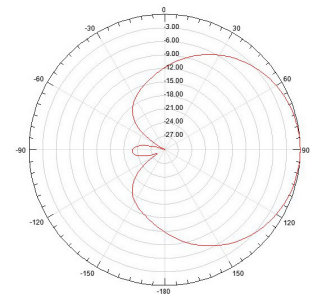
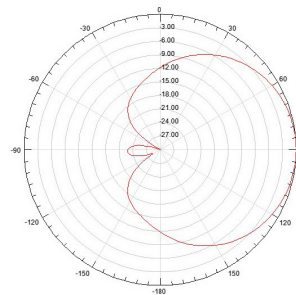


Mechanical Specifications	
Connector Type	4*N Female
Dimensions - L x W x H	890*280*80mm (35*11*3.1inch)
Radiating Element Material	Aluminum
Reflector Material	Aluminum
Weight	5.5kgs
Radome Material	UPVC
Radome Color	Grey
Mounting Pole	Φ30 mm to Φ55 mm
Operating temperature	-40 °C to 60 °C
Wind velocity	200 km/h (survival)

Patterns:

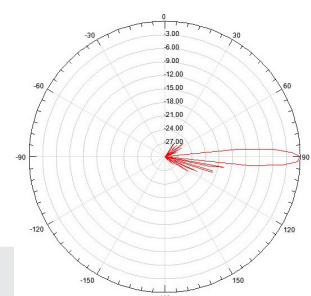
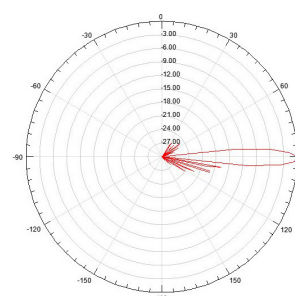
2300-2700 MHz

5200-5900 MHz



Horizontal

Horizontal



Vertical

Vertical