

3Ghz & 5Ghz Dual Band Dual Pol Sector Antenna

Product ID: ATA-ST35DS90-50HV90-16-4C

Electrical Specifications

Frequency	3400-3800MHz	5400-5900MHz
Polarization	±45° dual pol	Vertical & Horizontal
Gain	16±1 dBi	
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	



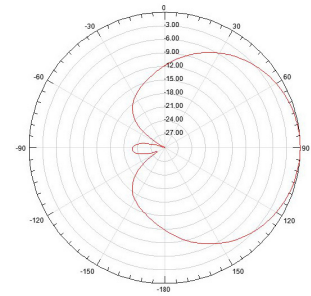
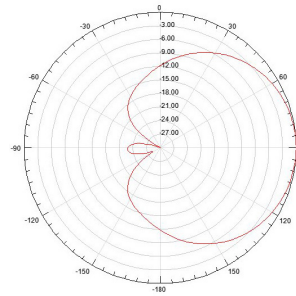
Mechanical Specifications

Connector Type	4*N Female
Dimensions - L x W x H	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:

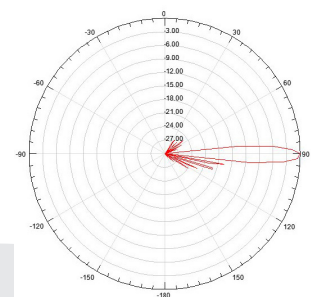
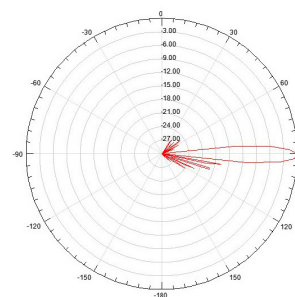
3400-3800 MHz

5400-5900 MHz



Horizontal

Horizontal



Vertical

Vertical