

2Ghz Dual Pol Sector Antenna

Product ID: ATA-ST25DS90-18

Electrical Specifications

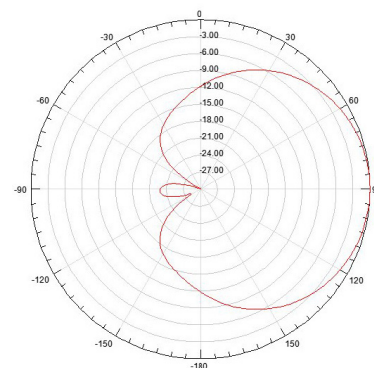
Frequency	2300-2700MHz
Polarization	±45° dual pol
Gain	18±0.5dBi
VSWR	≤1.5:1
Horizontal beam-width	90°
Vertical beam-width	7°
Front-to-back ratio	≥23dB
Isolation	≥30dB
Input Impedance	50 Ω
Max power	100 W
Lightning protection	DC Ground



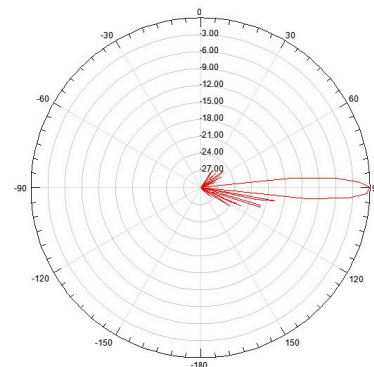
Mechanical Specifications

Connector Type	2*N Female
Dimensions - L x W x H	890*168*80mm (35*6.6*3.1inch)
Radiating Element Material	Aluminum
Reflector Material	Aluminum
Weight	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:



Horizontal



Vertical