



# Stella Doradus Ireland Ltd.

## 1.9GHz Base Station antenna Part No.: 19 9015



*The 19 12015 is a base station point to point antenna designed for use in high density RF environments  
The excellent radiation characteristics are the distinguishing features of these antennas*

### Electrical Specifications

Gain	12dBi
3dB beam Pattern	120° x 15°
Bandwidth	1.7-1.88GHz
VSWR	1.8 : 1
Front to Back Ratio	21dB
Polarization	Vertical
Power Rating	50W
Impedance	50 ohms
Termination	N-female
Cross Pol. Discrimination	22dB

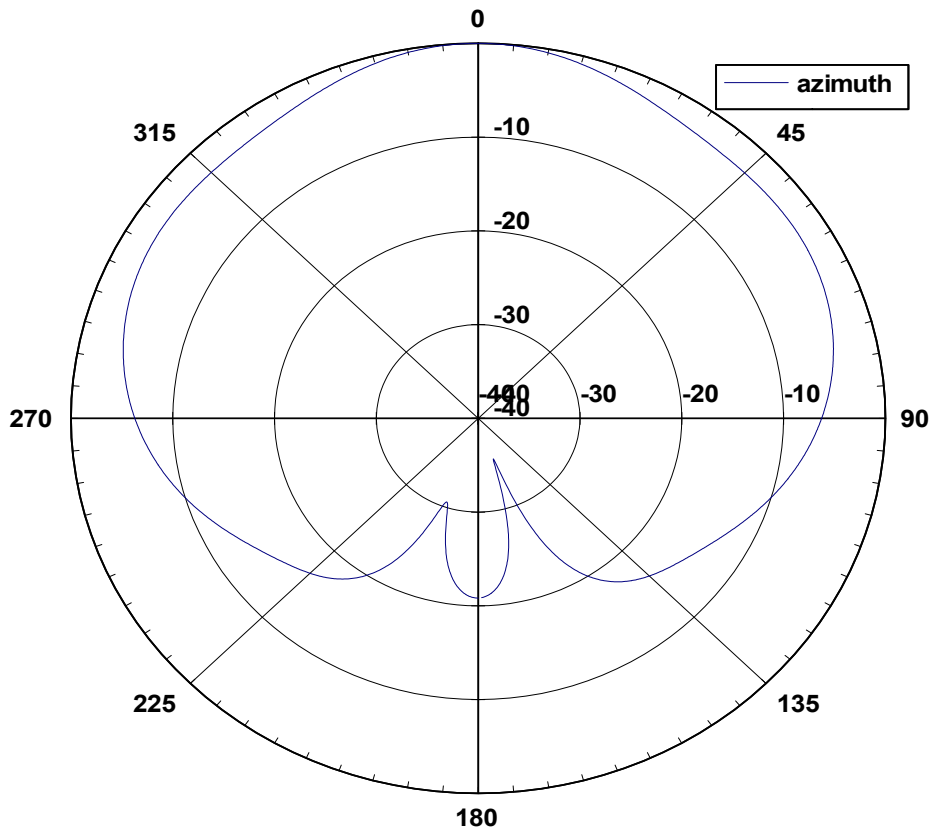
### Mechanical Specifications

Length	91cm
Width	23.5cm
Depth	8.8 cm
Weight	3.5kg
Windage(at 215kmph)	61.5kg
Mechanical Tilt	0-7 degrees
Mounting Pipe	10cm pipe

### Materials

Radiating Element	Beam forming PCB patch array
Radome ( feed )	Steel + UV stabilized Polystyrene White
Clamps	HDG steel + stainless steel bolts

1.7GHz 9015 Azimuth Pattern



1.7GHz 9015 Elevation Pattern

