



Stella Doradus Ireland Ltd.

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



*The 19 9015H 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	13.5dBi
3dB beam Pattern	90° x 15°
Bandwidth	1.7-1.88GHz
VSWR	1.8 : 1
Front to Back Ratio	23dB
Polarization	Horizontal
Power Rating	50W
Impedance	50 ohms
Termination	N-female
Cross Pol. Discrimination	22dB

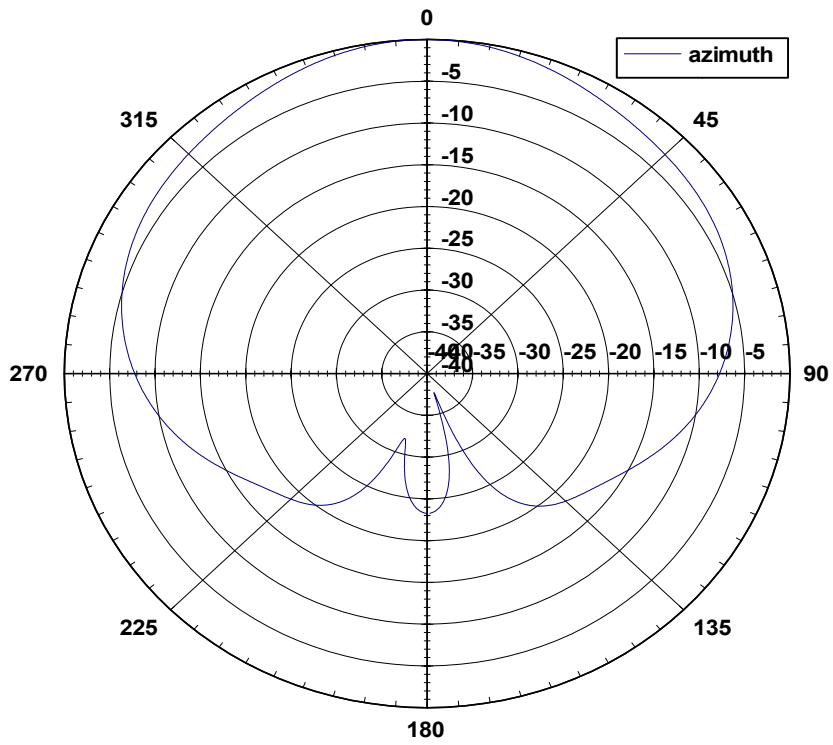
Mechanical Specifications

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

1.9GHz 9015H Azimuth Pattern



1.9GHz 9015H Elevation Pattern

