



# Stella Doradus Ireland Ltd.

## 24 9015V 2.4GHz Base Station antenna



*The 24 9015V 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	2.4-2.485GHz
VSWR	1.8 : 1
Front to Back Ratio	40dB
Polarization	Vertical
Power Rating	50W
Impedance	50 ohms
Termination	N-female
Cross Pol. Discrimination	22dB

### Mechanical Specifications

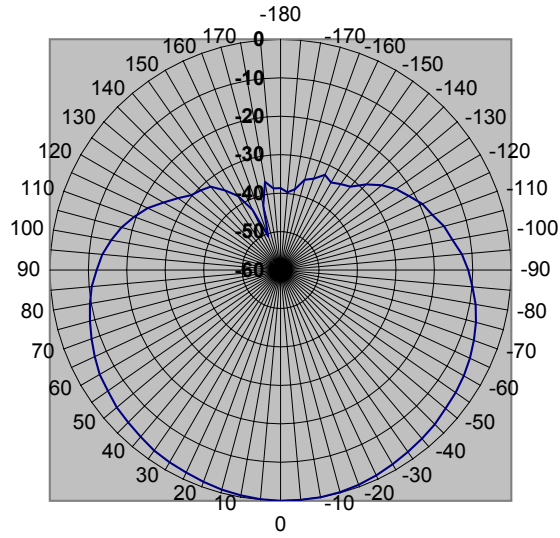
Length	43.5cm
Width	22.5cm
Depth	7.5 cm
Weight	1.03 Kg
Windage(at 215kmph)	28 kg
Mechanical Tilt	0-25 degrees
Mounting Pipe	5 cm pipe

### Materials

Radiating Element	Beam forming PCB patch array
Radome ( feed )	ABS Grey
Clamps	HDG steel + galvanised steel bolts

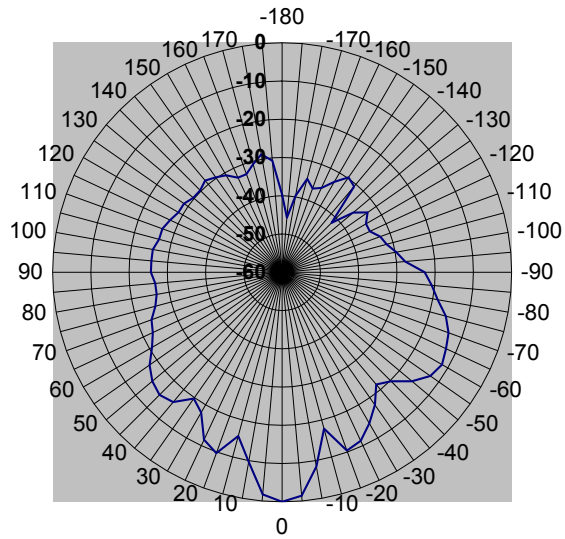
2.4GHz 9015 BaseStation Azimuth Pattern

Co-Polar



2.4GHz 9015 BaseStation Elevation Pattern

Co-Polar



2.4GHz 9015 Co-Polar  
-30 to +30 degrees

Azimuth  
Elevation

