



# Stella Doradus Ireland Ltd.

## 2.2GHz Base Station antenna Part No.: 22 9008H



*The 22 9008H 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	16dBi
3dB beam Pattern	90° x 8°
Bandwidth	2.1-2.3GHz
VSWR	1.8 : 1
Front to Back Ratio	33dB
Polarization	Horizontal
Power Rating	50W
Impedance	50 ohms
Termination	N-female
Cross Pol. Discrimination	25dB
Surge Protection	Built in

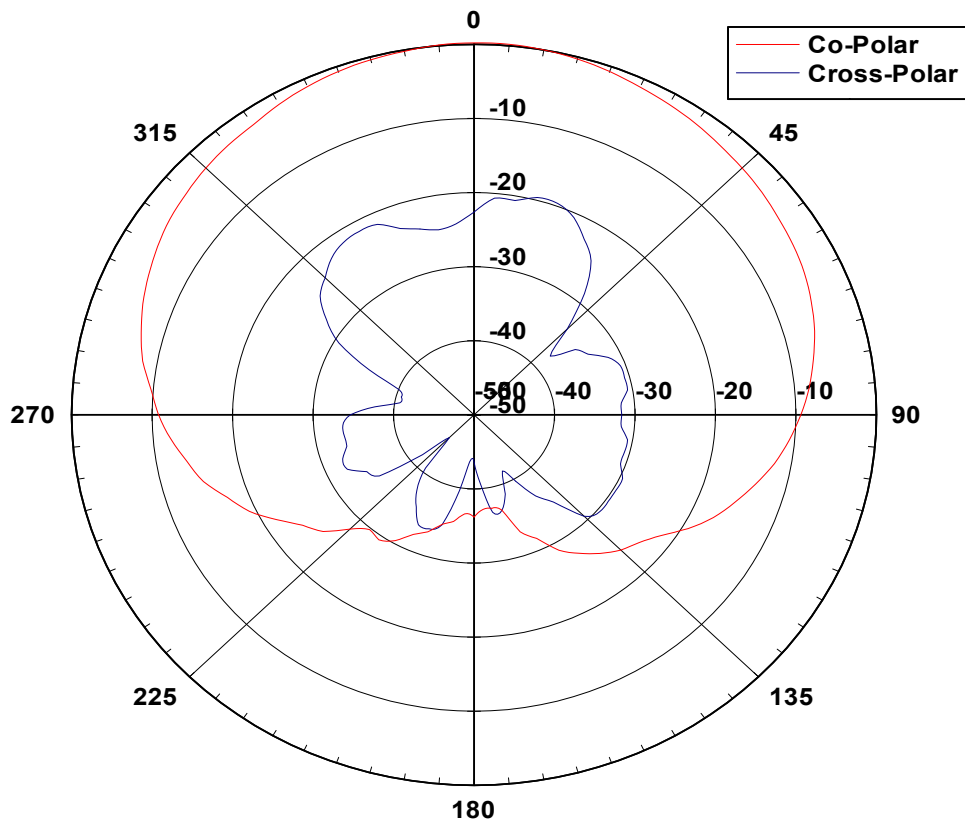
### Mechanical Specifications

Length	100cm
Width	17cm
Depth	10 cm
Weight	2Kg
Windage(at 216km/h)	49kg
Mechanical Tilt	0-25 degrees
Mounting Pipe	5 or 10 cm pipe

### Materials

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

**22 9008H Azimuth Pattern**



**22 9008H Elevation Pattern**

