



# Stella Doradus Ireland Ltd.

## 2.4GHz Solid dish parabolic antenna Part No.: 24 PSD113



*The 24PSD113 is a high gain antenna designed for use in high density RF environments. The excellent radiation characteristics are the distinguishing features of these well priced, aesthetically pleasing antennas.*

### Electrical Specification

Gain	Lower	26.5dBi
	Mid	26.7dBi
	Upper	26.9dBi
3dB beam Pattern		7.5 x 7.5 deg
Bandwidth		2.4-2.485Ghz
VSWR		1.5 : 1
Front to Back Ratio		38dB
Polarization		Vertical / Horizontal
Power Rating		100W
Impedance		50 ohms
Termination		N- Male or Female pigtail
Cross Pol. Discrimination		40dB
Surge Protection		Built in

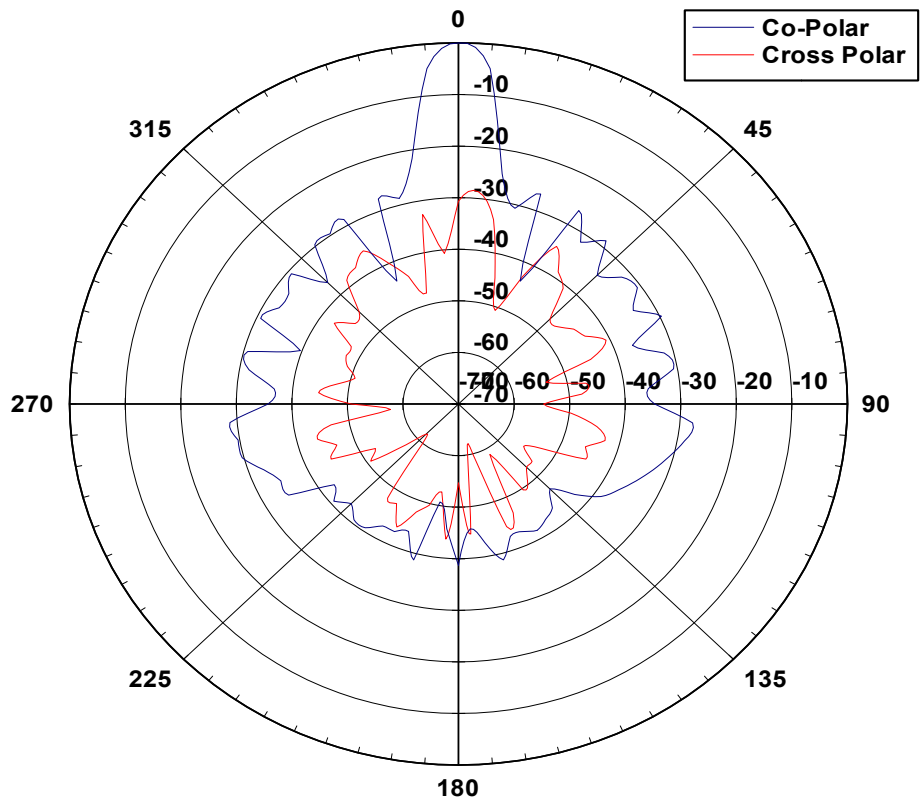
### Mechanical Specifications

Diameter	126cm
Weight	22.7Kg
Windage(at 216kmph)	359kg front face on
Mechanical Tilt	10 degrees
Mounting Pipe	10cm pipe

### Materials

Radiating Element	Beam forming dipole
Radome ( feed )	UV stabilised Polystyrene White
Clamps	HDG steel + zinc plated bolts

**24 PSD113 Azimuth Pattern**



**24 PSD113 Elevation Pattern**

