



# Stella Doradus Ireland Ltd.

## 3.5GHz Solid dish parabolic antenna Part No.: 35 PSD113



*The 35 PSD113 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	28.3dBi
3dB beam Pattern	5.3° x 5.3°
Bandwidth	3.4 - 3.6GHz
VSWR	1.5 : 1
Front to Back Ratio	35dBi
Polarization	Verical / Horizontal
Power Rating	100W
Impedance	50 ohms
Termination	N- Male pigtail
Cross Pol. Discrimination	<-36dBi after 55 deg.

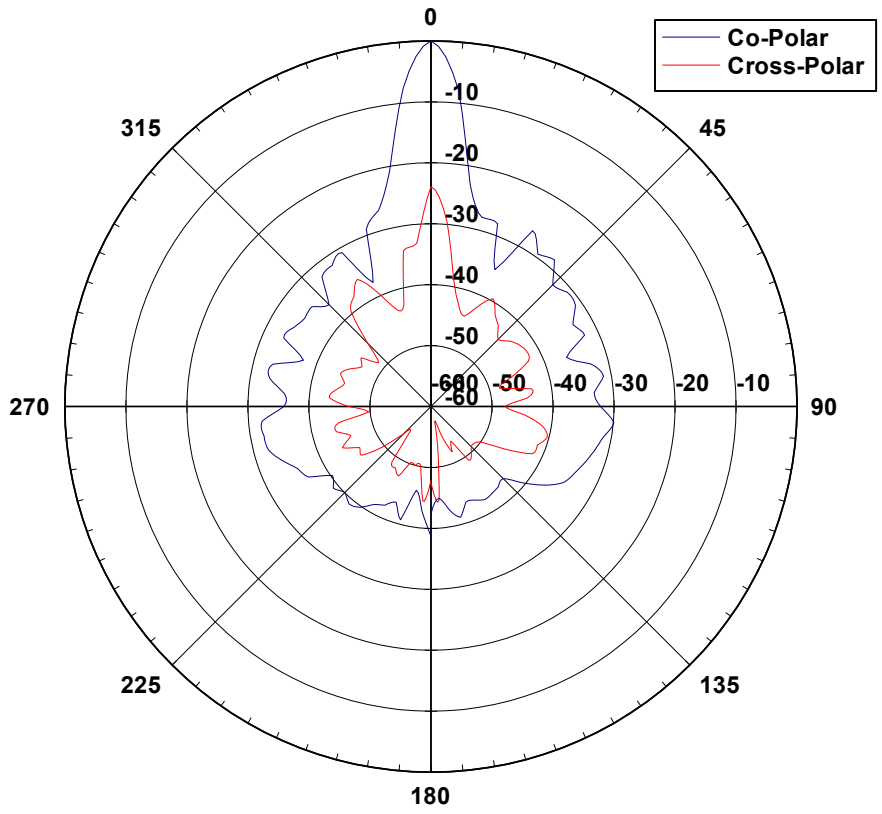
### Mechanical Specifications

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
Dipole Radome	ABS White
Clamps	HDG steel + zinc plated bolts

**35 PSD113 Azimuth Pattern**



**35 PSD113 Elevation Pattern**

