



# Stella Doradus Ireland Ltd.

## 2.2GHz Parabolic antenna Part No.: 22 SD30



*The 22 SD30 is a high gain point to point antenna designed for use in high density RF environments. The excellent radiation characteristics are the distinguishing features of these well priced antennas. This family of grid antennas is designed for high wind harsh environments.*

### Electrical Specification

Gain	26.3dBi
Bandwidth	2.1-2.3GHz
VSWR	1.5 : 1
Front to Back Ratio	35dB
Polarization	Vertical / Horizontal
Power Rating	100W
H-plane Beamwidth	7.8 degrees
E- Plane Beamwidth	7.8 degrees
Cross Pol. Discrimination	35dB min after 100 degrees
Impedance	50 ohms
Termination	N-Male or N-female pigtail
Surge Protection	Built in

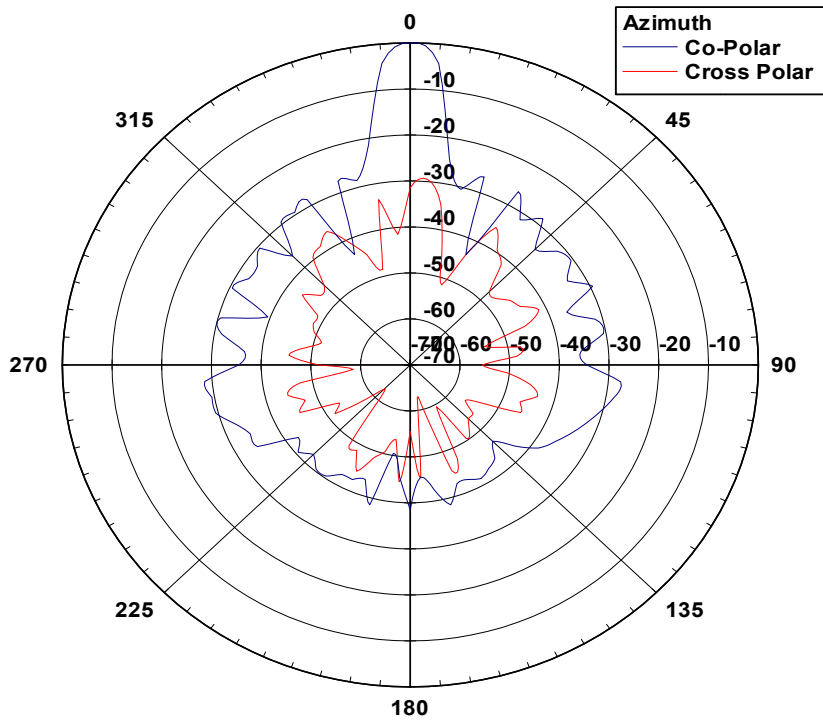
### Mechanical Specifications

Length	120cm
Width	120cm
Depth	70cm
Weight	13.2kg
Windage(at 216kph)	1050 N
Mechanical Tilt	0-10 degrees
Mounting Pipe	10 cm pipe

### Materials

Radiating Element	Copper Dipole
Radome ( feed )	UV stabilized Polystyrene
Clamps	HDG steel + galvanised steel bolts

22 SD30 Azimuth Pattern



22 SD30 Elevation Pattern

