



# Stella Doradus Ireland Ltd.

## 14 SD21 1.4GHz Parabolic antenna



*The 14 SD21 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	16dBi
Bandwidth	1.35-1.45 GHz
3dB beam Pattern	15° x 15°
VSWR	1.8 : 1
Front to Back Ratio	24dB
Cross Polar Ratio	24dB
Polarization	Vertical / Horizontal
Power Rating	50W
Impedance	50 ohms
Termination	N-Male pigtail

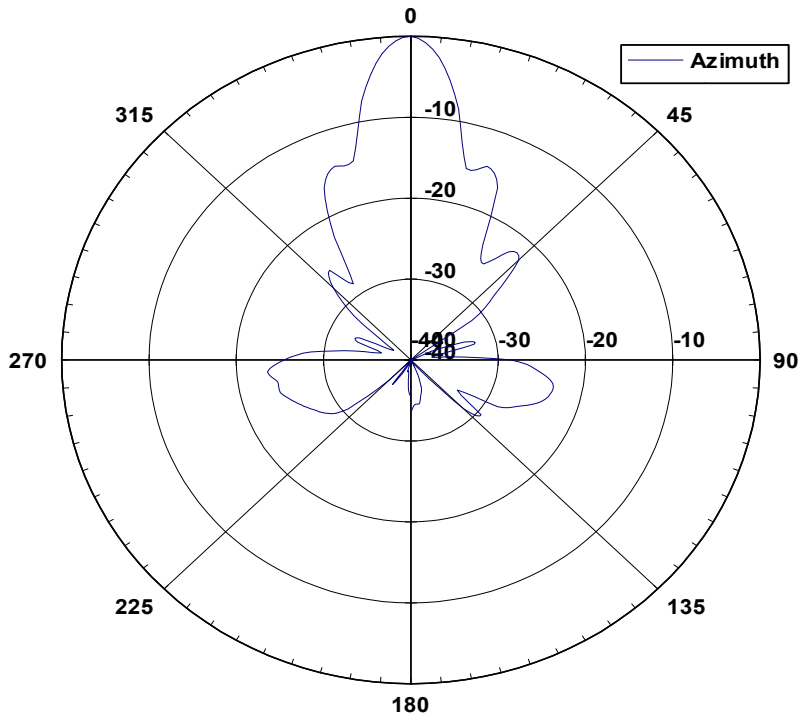
### Mechanical Specifications

Length	61 cm
Width	61cm
Weight	2.1kg
Windage(at 216kmph)	376 N
Mechanical Tilt	0-25 degrees
Mounting Pipe	5 cm pipe

### Materials

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

14 SD21 Azimuth Pattern



14 SD21 Elevation Pattern

