



# Stella Doradus Ireland Ltd.

## 14 SD19 1.4GHz Parabolic antenna



*The 14 SD19 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	14dBi
Bandwidth	1.35-1.45 GHz
3dB beam Pattern	18° x 18°
VSWR	1.8 : 1
Front to Back Ratio	26dB
Cross Polar Ratio	22dB
Polarization	Vertical / Horizontal
Power Rating	50W
Impedance	50 ohms
Termination	N-Male pigtail

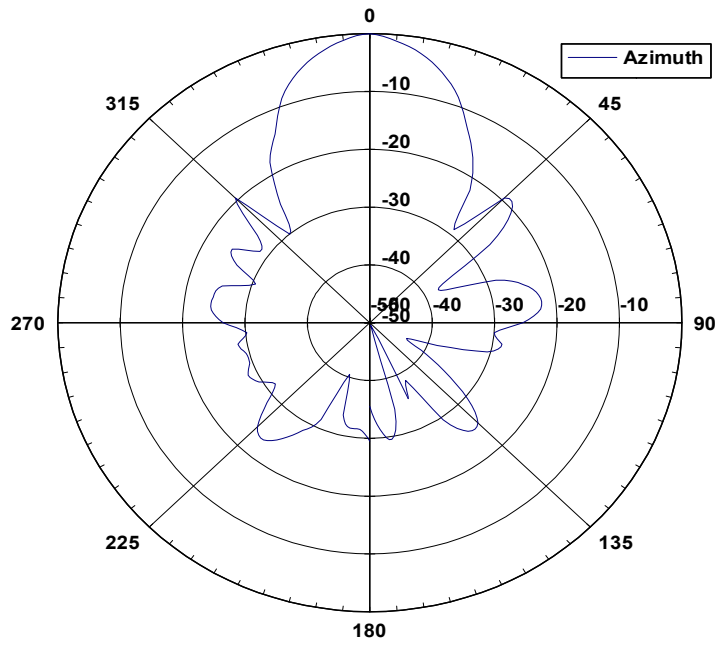
### Mechanical Specifications

Length	51 cm
Width	51 cm
Weight	1.75kg
Windage(at 216kmph)	114 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 SD19 Azimuth Pattern



### 14 SD19 Elevation Pattern

