



# Stella Doradus Ireland Ltd.

## 1.8GHz Parabolic antenna

Part No.: 19 SD15



*The 19 SD15 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	13dBi
Bandwidth	1.7-1.85 GHz
3dB beam Pattern	30° x 20°
VSWR	1.5 : 1
Front to Back Ratio	28dB
Cross Polar Ratio	24dB
Polarization	Vertical / Horizontal
Power Rating	50W
Impedance	50 ohms
Termination	N-Male pigtail

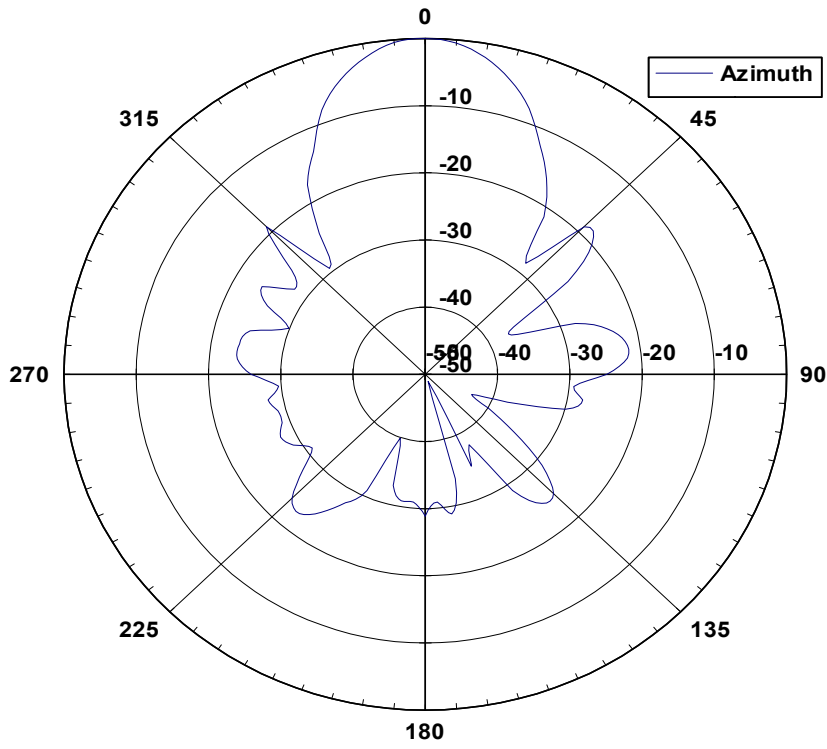
### Mechanical Specifications

Length	45 cm
Width	25 cm
Weight (incl. brackets)	1.2kg
Windage(at 216kmph)	114 N
Mechanical Tilt	0-25 degrees
Mounting Pipe	5 cm pipe

### Materials

Radiating Element	PCB Dipole
Radome ( feed )	Shock resistant ABS
Clamps	HDG steel + zinc plated steel bolts

**19 SD15 Azimuth Pattern**



**19 SD15 Elevation Pattern**

