



# Stella Doradus Ireland Ltd.

## 2.2GHz Parabolic antenna

Part No.: 22 SD19



*The 22 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	19dBi
Bandwidth	2.1-2.3 GHz
3dB beam Pattern	15° x 15°
VSWR	1.5 : 1
Front to Back Ratio	35dB
Cross Polar Ratio	27dB
Polarization	Vertical / Horizontal
Power Rating	100W
Impedance	50 ohms
Termination	N-Male or N-female pigtail
Surge Protection	Built in

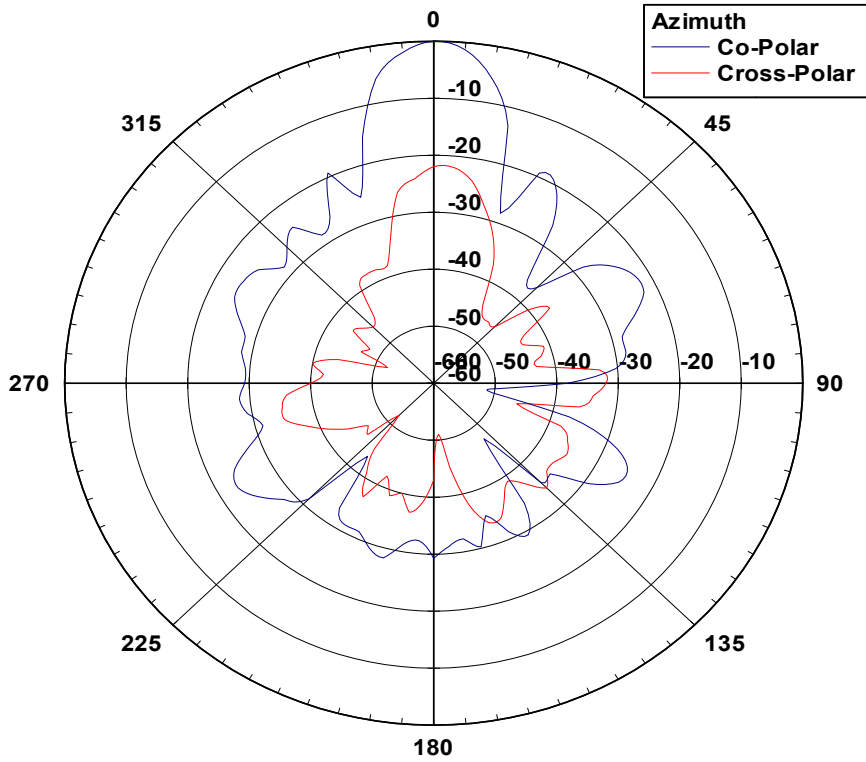
### Mechanical Specifications

Length	51 cm
Width	51 cm
Weight	2.0kg
Windage(at 216kmph)	301 N
Mechanical Tilt	0-25 degrees
Mounting Pipe	5 cm pipe

### Materials

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

22 SD15 Azimuth Pattern



22 SD19 Elevation Pattern

