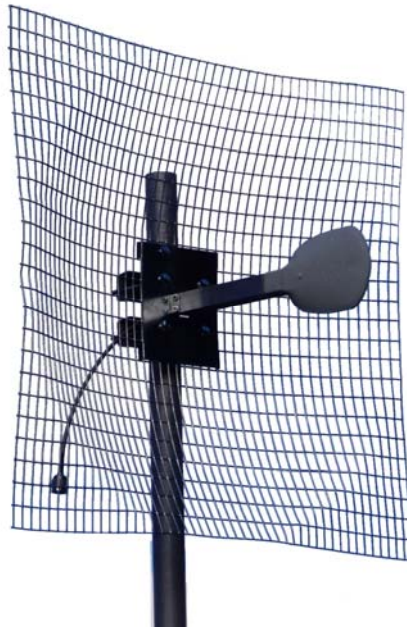




# Stella Doradus Ireland Ltd.

## 5.6GHz Parabolic antenna

Part No.: 56 SD19



*The 56SD19 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	23dBi
Bandwidth	5.1-5.9GHz
VSWR	1.5 : 1
Beamwidth	7.5 degrees
Front to Back Ratio	31dBi
Polarization	Vertical / Horizontal
Power Rating	500W
Cross Pol. Discrimination	40dBi min after 100 degrees
Impedance	50 ohms
Termination	Fixed N- male

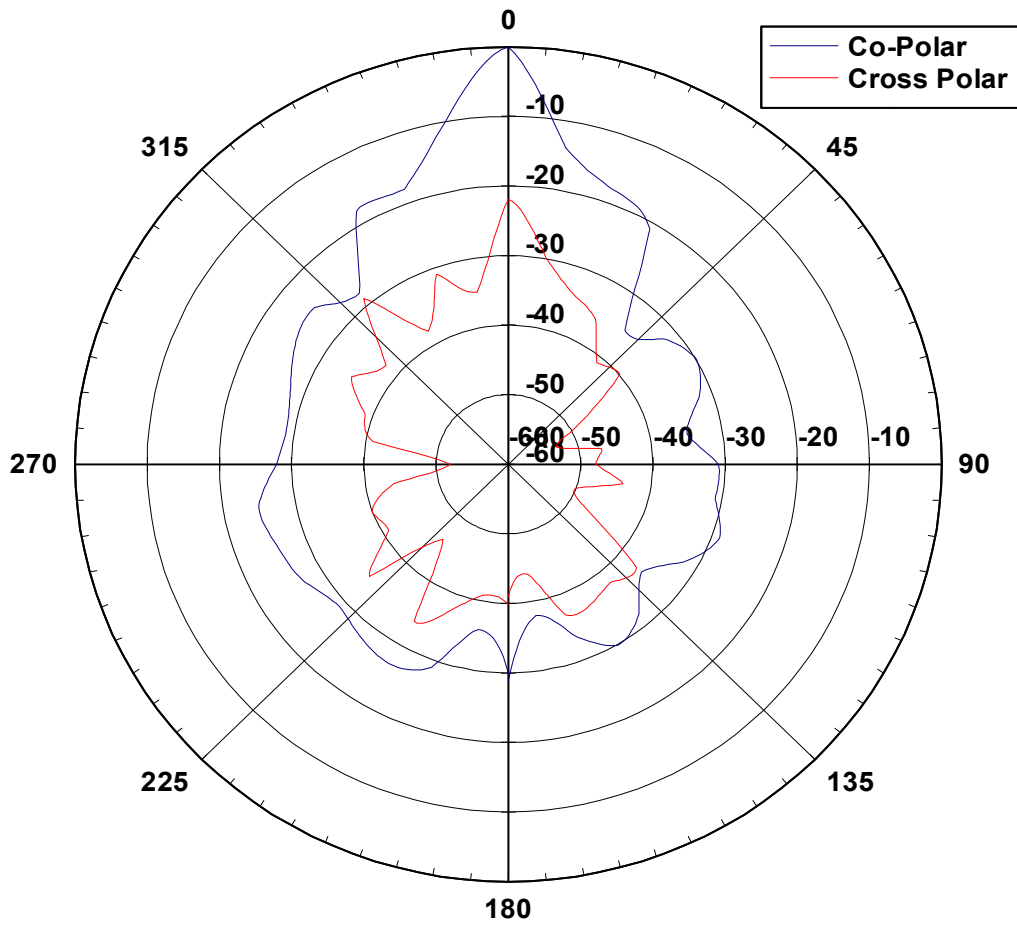
### Mechanical Specifications

Length	51cm
Width	51cm
Weight	2kg
Windage(at 216kmph)	301 N
Mechanical Tilt	0-25 degrees
Mounting Pipe	5 cm pipe

### Materials

Radiating Element	PCB Dipole
Radome ( feed )	UV stabilized Polystyrene
Clamps	HDG steel + zinc plated Bolts

56 SD19 Azimuth Pattern



56 SD19 Elevation Pattern

