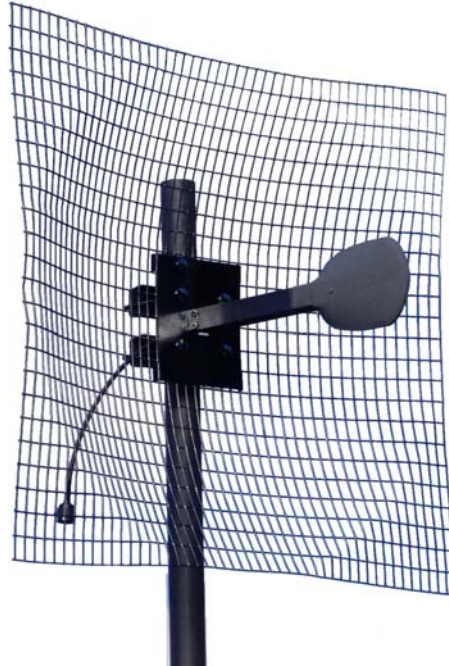




# Stella Doradus Ireland Ltd.

## 1.8GHz Parabolic antenna

Part No. 19 SD27



*The 19 SD27 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	21dBi
Bandwidth	1.7-1.9 GHz
3dB beam Pattern	10° x 10°
VSWR	1.8 : 1
Front to Back Ratio	28dB
Cross Polar Ratio	32dB
Polarization	Vertical / Horizontal
Power Rating	50W
Impedance	50 ohms
Termination	N-Male pigtail

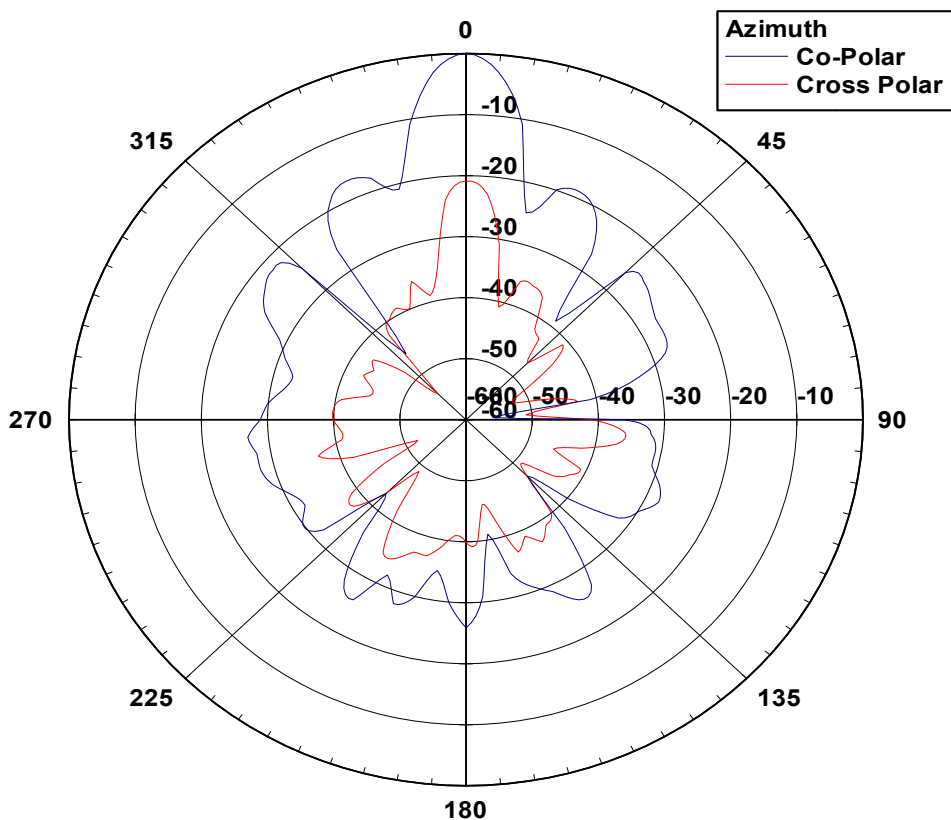
### Mechanical Specifications

Length	91cm
Width	91cm
Weight (incl. brackets)	3.7kg
Windage(at 216kmph)	591 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 SD27 Azimuth Pattern



### 19 SD27 Elevation Pattern

