



Stella Doradus Ireland Ltd.

2.4GHz Parabolic antenna Part No.: 24 SD19



The 24 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 | 2.4-2.485 GHz |
| 3dB beam Pattern | 18° x 18° |
| VSWR | 1.8 : 1 |
| Front to Back Ratio | 35dB |
| Cross Polar Ratio | 24dB |
| Polarization | Vertical / Horizontal |
| Power Rating | 50W |
| Impedance | 50 ohms |
| Termination | N-Male or N-female pigtail |
| Surge Protection | Built in |

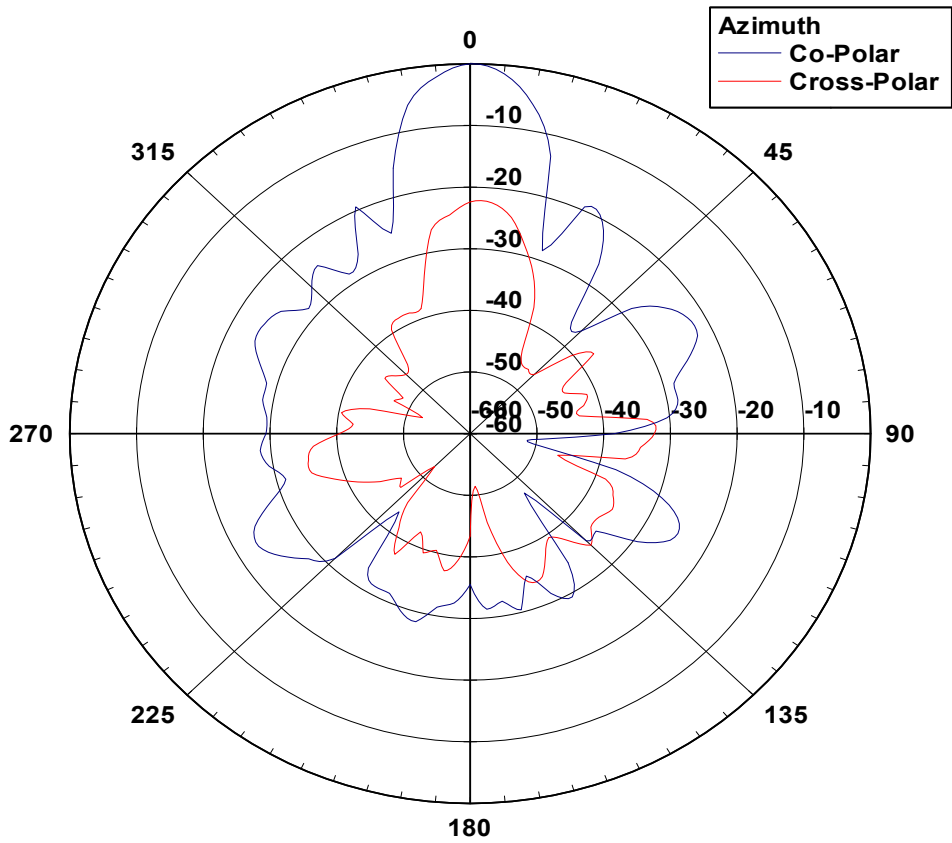
Mechanical Specifications

| | |
|------------------------|--------------|
| Length | 51 cm |
| Width | 51 cm |
| Weight (incl brackets) | 1.75kg |
| 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 |

24 SD19 Azimuth Pattern



24 SD19 Elevation Pattern

