



# Stella Doradus Ireland Ltd.

## 2.6GHz Parabolic antenna Part No.: 26 SD24



*The 26 SD24 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                | 22.5dBi                    |
| Bandwidth           | 2.5-2.7 GHz                |
| 3dB beam Pattern    | 10° x 10°                  |
| VSWR                | 1.4 : 1                    |
| Front to Back Ratio | 32dB                       |
| Cross Polar Ratio   | 28dB                       |
| Polarization        | Vertical / Horizontal      |
| Power Rating        | 100W                       |
| Impedance           | 50 ohms                    |
| Termination         | N-Male or N-female pigtail |
| Surge Protection    | Built in                   |

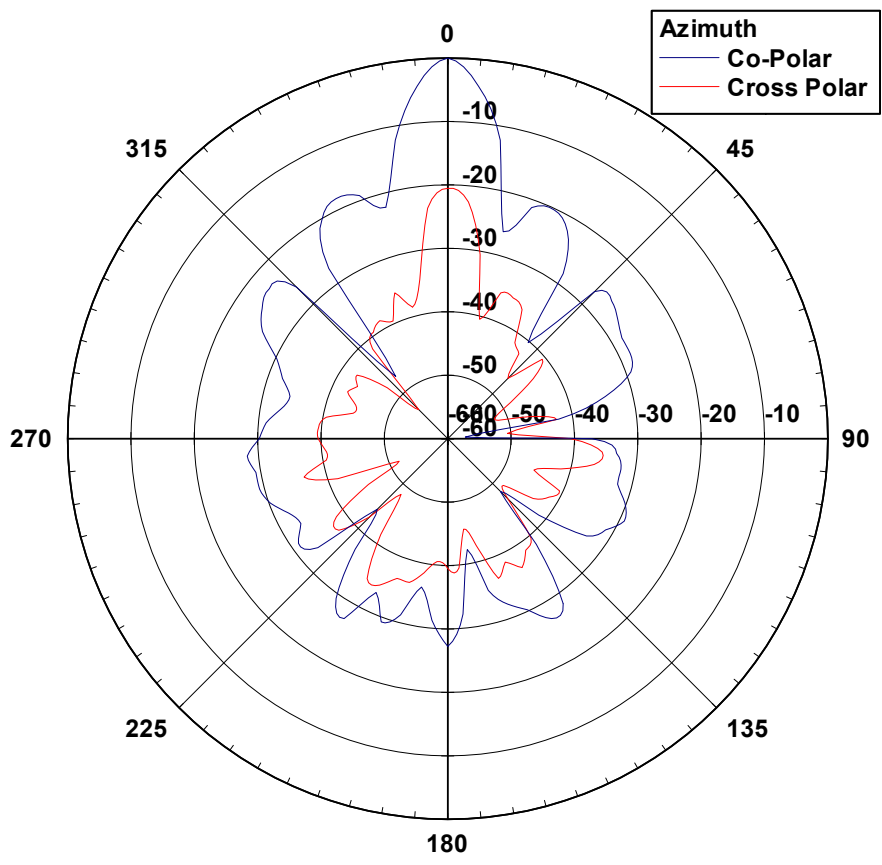
### Mechanical Specifications

|                     |              |
|---------------------|--------------|
| Length              | 76 cm        |
| Width               | 76cm         |
| Weight              | 3.2kg        |
| Windage(at 216kmph) | 476 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 |

26 SD24 Azimuth Pattern



26 SD24 Elevation Pattern

