



Stella Doradus Ireland Ltd.

5.2GHz 61cm Solid dish parabolic antenna



The 52 PSD61 is a high gain antenna designed for use in high density RF environments. The excellent radiation characteristics are the distinguishing features of these well priced, aesthetically pleasing antennas.

Electrical Specification

| | |
|---------------------------|-----------------------|
| Gain | 26.4dBi |
| 3dB beam Pattern | 6.6° |
| Bandwidth | 5.1 - 5.3GHz |
| VSWR | 1.4 : 1 |
| Front to Back Ratio | <-30dBi after 55 deg. |
| Polarization | horizontal / vertical |
| Power Rating | 100W |
| Impedance | 50 ohms |
| Termination | N- Male pigtail |
| Cross Pol. Discrimination | <-37dBi after 55 deg. |

Mechanical Specifications

| | |
|---------------------|-----------------------------|
| Diameter | 61cm |
| Weight | 6Kg |
| Windage(at 216kmph) | 85kg (188lbs) front face on |
| Mechanical Tilt | 10 degrees |
| Mounting Pipe | 5 cm pipe |

Materials

| | |
|-------------------|-----------------------------------|
| Radiating Element | Beam forming dipole |
| Radome (feed) | ABS White |
| Clamps | HDG steel + stainless steel bolts |

