



# Stella Doradus Ireland Ltd.

## 5.8GHz 61cm Solid dish parabolic antenna



The 58PSD60 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	27.5dBi
3dB beam Pattern	5.8
Bandwidth	5.75 - 5.85GHz
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	<-40dBi 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

