



# Stella Doradus Ireland Ltd.

## 5.6GHz 78cm Solid dish parabolic antenna



The 56 PSD78 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	28.9dBi
3dB beam Pattern	4.8 deg
Bandwidth	5.4 - 5.7Ghz
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	<-35dB after 55 deg

### Mechanical Specifications

Diameter	78cm
Weight	20Kg
Windage(at 216kmph)	150kg front face on
Mechanical Tilt	10 degrees
Mounting Pipe	7.5cm pipe

### Materials

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

