



Stella Doradus Ireland Ltd.

5.2GHz 113cm Solid dish parabolic antenna



The 52 PSD113 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	31.7dBi
3dB beam Pattern	3.6 deg
Bandwidth	5.1-5.3GHz
VSWR	1.5 : 1
Front to Back Ratio	<-40dBi sfter 55 deg.
Polarization	horizontal / vertical
Power Rating	100W
Impedance	50 ohms
Termination	N- Male pigtail
Cross Pol. Discrimination	<-47dBi sfter 55 deg.

Mechanical Specifications

Diameter	113cm
Weight	21Kg
Windage(at 216kmph)	157kg 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

