



Stella Doradus Ireland Ltd.

5.2GHz 78cm Solid dish parabolic antenna



The 52 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	28.3dBi
3dB beam Pattern	5.2°
Bandwidth	5.1 - 5.3Ghz
VSWR	1.4 : 1
Front to Back Ratio	<-35dB after 55 deg
Polarization	horizontal / vertical
Power Rating	100W
Impedance	50 ohms
Termination	N- Male pigtail
Cross Pol. Discrimination	<-40dB 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

