



Stella Doradus Ireland Ltd.

5.8GHz 78cm Solid dish parabolic antenna



The 58PSD78 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	Lower	29.4dBi
3dB beam Pattern		4.6
Bandwidth		5.75 - 5.85Ghz
VSWR		1.4 : 1
Front to Back Ratio		<-38dBi after 55 deg.
Polarization		horizontal / vertical
Power Rating		100W
Impedance		50 ohms
Termination		N- Male pigtail
Cross Pol. Discrimination		<-43dBi 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

